

ICHTHYOLOGY



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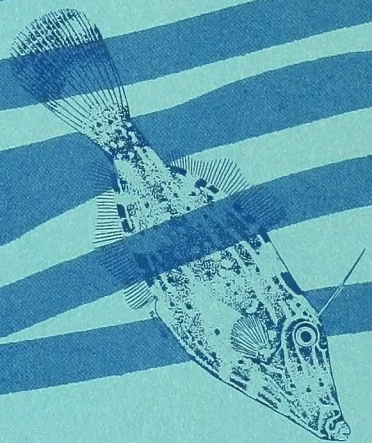








# DEAN bibliography of fishes 1968



*The American Museum of Natural History New York*



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the books and staff that  
made it all possible.

James H. H.

## 1968

Curator and Dean Bibliographer

Department of Ichthyology  
The American Museum of Natural History

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1971



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## **Introduction**

This is a computerized bibliographic analysis of the greater part of the significant ichthyological literature published during 1968. The information has been stored in a computer to make possible future retrieval of detailed bibliographic data as well as periodic print-outs such as this. Most of the remainder of the 1968 literature will appear with the analysis for 1969, and subsequent analyses will contain additional, still more recently recovered items.

Articles and reports dealing with purely commercial subjects such as the marketing, preservation, and processing of fish have been omitted, but any item containing information that bears on the biology of fishes has been included, for example, a description of the bacteria found on freshly caught fish or fishery statistics that reflect geographic distribution or changes in abundance. Only articles of biological significance have been selected from the sport fisherman's and amateur aquarist's literature.

The development of methods, designed to encompass a major segment of the world's biological literature and make it readily comprehensible to everyone working in any part of the field, was made possible by the support of the Office of Science Information Service of the National Science Foundation (Grants GN-658.1.2). For all of the computer technology and services, BioSciences Information Service has been responsible, and we wish to acknowledge the essential role this organization has played in carrying out the project. Special mention should be made of the invaluable help received from Miss Louise Schultz and her assistants, particularly David B. Cole, in developing the methods of indexing as well as the computer programs. Another vital factor has been the wholehearted support of The American Museum of Natural History, made possible through the keen interest of its Directors, Drs. James A. Oliver and Thomas D. Nicholson. To Dr. Donn E. Rosen, Chairman of the Department of Ichthyology, especial thanks are due for his unflagging support, both moral and material. All of the members of the staff have contributed more than their reasonable share toward the success of the program. Dr. Gareth J. Nelson's knowledge of piscine phylogenetics, paleoichthyology, and functional morphology proved indispensable. Dr. Robert J. Winter and Mrs. Nao Saito handled the Slavic and Japanese ichthyological literature with distinction. Mrs. Vivian Joan Oleen, as special assistant, was called upon to do practically everything and did it superlatively well.

## **Organization of The Dean Bibliography**

The bibliography consists of five parts:

- Systematic Index
- Subject Index
- Geographic Index
- Author Index
- Bibliography

Each of the numbers 800001 to 803501 refers to an article, book, or report listed numerically in the final section, the Bibliography.

Systematic Index: Thirteen major categories have been adopted, and they have been arranged in the following sequence:

- Agnatha
- Acanthodii
- Antiarchi
- Arthrodira
- Bradyodonti
- Holocephali
- Elasmobranchii
- Dipnoi
- Rhipidistia
- Coelacanthini
- Chondrostei
- Holostei
- Teleostei

Each of these main groups has been divided into categories equivalent to superorders (with the suffix -omorpha uniformly applied), unless the number of included genera is too small to make subdivision advantageous. Subdivision to orders (with the suffix -iformes uniformly applied), in some cases to suborders (with the suffix -oidei), and then to families (with the suffix -idae) was made according to the same principle of economy. Except for the 13 major groups, the names in all categories are listed alphabetically. The alphabetical arrangement of a limited number of higher categories was adopted to avoid unnecessary commitments to any particular phylogenetic scheme. Where controversy exists about the status of a group or name, the group or name chosen was the one that seemed to be better established and in more widespread use, or more likely to have long-range stability. We believe that the 566 names adopted will be immediately recognizable by all systematic researchers working with the animals concerned.

Subject Index: Nine major subdivisions have been arranged as follows:

- Systematics and Nomenclature
- Structure and Function (of organ systems)
- Ontogeny
- Evolution
- Ichthyological Techniques
- Ecology



Behavior

Pathology and Parasitism

Relations of Fish and Man

Under these topics, about 1200 subject-descriptors have been hierarchically arranged. By combining these in different ways, an almost unlimited number of descriptors has been made available.

Geographic Index: This is based on ten continental and seven oceanic regions. It has been designed to provide maximum flexibility without necessitating the preparation of a gazetteer of every political unit, faunal area, and body of water in the world.

Author Index: All authors, both junior and senior, are listed alphabetically.



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			ENZYMOLOGY	800358
			DISTRIBUTION	802317
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		BIOCHEMISTRY	800260	
		ORGAN OF LEYDIG		
		ANATOMY	800669	
		FUNCTION	800669	
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ANATOMY				
HISTOLOGY	803036			
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MONOGENEA		CHOROID AND TAPETUM	(CONTINUED)
PARASITE LIFE HISTORY		EXPERIMENTAL ANALYSIS	800364
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DISTRIBUTION	801248	GENERAL STRUCTURE AND BEHAVIOR	801217
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TORPEDO OCELLATA		HEMOGLOBIN	
AXIAL SKELETAL MUSCLES		BIOCHEMISTRY	800651
DEVELOPMENT	800431	DEVELOPMENT	800651
LIVER		DISTRIBUTION	801217
ADENOSYLHOMOCYSTEINE		CARCHARINUS LIMBATUS	
BIOCHEMISTRY	803312	ADRENAL CORTEX	
TORPEDO TORPEDO		FUNCTION	
SUBLITTORAL ZONE	803131	DESCRIPTIVE EVOLUTION	800574
DISTRIBUTION	803131	CARCHARINUS LONGIMANUS	
		DISTRIBUTION	802440
		CARCHARINUS MACULIPINNIS	
		ACTIVITY PATTERNS	802691
		CARCHARINUS MELANOPTERUS	
		NEUROMASTS	
		ANATOMY	
		FUNCTION	803278
		ERYTHROCYTES	802194
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		CARCHARINUS MENISORRAH	
		NEUROMASTS	
		ANATOMY	
		FUNCTION	803278
		COPEPODA	
		AS PARASITE	801967
		CARCHARINUS MILBERTI	
		ADRENAL CORTEX	
		FUNCTION	
		DESCRIPTIVE EVOLUTION	800574
		CARCHARINUS OBSCURUS	
		ADRENAL CORTEX	
		FUNCTION	800358
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		HISTOLOGY	803433
		GALEOCERDO	
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		CHECK LIST	802051
		POPULAR NAMES	802051
		ORAL TEETH	
		IDENTIFICATION	802527
		GALEOCERDO ADUNCUS	
		PLIOCENE	801575
		GALEOCERDO CUVIERI	
		PLIOCENE	801575
		NERVE DEGENERATION	800275
		BRAIN	
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		TELENCEPHALON	
		HISTOLOGY	800817
		OPTIC NERVE	
		EXPERIMENTAL ANALYSIS	800275
		COPEPODA	
		AS PARASITE	801967
		PREYING ON LARGE PREY	801949
		GALEOLAMNA	
		GENOTYPE	802051
		SYNONYMY	802051
		CHECK LIST	802051
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		GALEORHINUS AUSTRALIS	
		DISTRIBUTION	800332
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		GALEORHINUS GALEUS	
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		AMPULLAE OF LORENZINI	
		BIOCHEMISTRY	800260
		RECTAL GLAND	
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		ULTRASTRUCTURE	802656
		COPEPODA	
		HOST PARASITE INTERACTIONS	801753
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		PLIOCENE	800407
		GALEUS MELANISTOMUS	
		AMPULLAE OF LORENZINI	
		BIOCHEMISTRY	800260
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		VERTICAL DISTRIBUTION	802408
		GLYPHIS	
		GENOTYPE	802051
SQUALOMORPHA			
FAUNAL LIST	800112		
GENERAL STRUCTURE AND BEHAVIOR	803304		
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MAXIMUM YIELD	801777		
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ATTACKS ON MAN	800001		
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FISH AS FOOD	800893		
ARCHEOLOGICAL DATA	802134		
ALOPIIDAE			
ALOPIAS VULPINUS			
DISTRIBUTION WITHIN HABITAT	802440		
DISTRIBUTION	802440		
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PLEISTOCENE	800934		
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ACTIVITY PATTERNS	802691		
ODONTASPIS ACURISSIMA			
MIOCENE	802719		
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PLIOCENE	801575		
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PLIOCENE	801575		
CARCHARHINIDAE			
RELATIONSHIPS	803065		
IDENTIFYING CHARACTERS	801917		
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KEY	801949		
SUBLITTORAL ZONE	803131		
BATHYAL ZONE	803131		
DISTRIBUTION WITHIN HABITAT	802440		
BACTERIA			
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INTESTINE	801654		
MAMMALIA			
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AS PREDATOR	800218		
DISTRIBUTION	801917		
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HABITAT PREFERENCE			
BIDENTULUS	802051		
GENOTYPE			
CALLISCYLLIUM			
RELATIONSHIPS	802113		
CARCHARHINUS			
COMPARATIVE ENZYMOLOGY			
DEHYDROGENASES	800572		
MIOCENE	801186		
PLEISTOCENE	800144		
	800934		
DISPLACEMENT DETECTION	802409		
SOUND RECEPTION	802409		
DISTRIBUTION	802440		
AURAL SIGNALS			
NAIVE RESPONSES TO STIMULI	802409		
CARCHARHINUS FALCIFORMIS			
IDENTIFYING CHARACTERS	802133		
MORPHOMETRICS	802133		
COLORATION	802133		
ADRENAL CORTEX			
FUNCTION	800358		
CORTICAL HORMONES			
ENZYMOLGY	800358		
DISTRIBUTION	802133		





HOST PARASITE INTERACTIONS	801753	DISTRIBUTION	800332	ISURIDAE
DISTRIBUTION	802990	CHILOSCYLLIUM GRESHIUM		(CONTINUED)
CARCHARODON MEGALODON		ERYTHROCYTES	803055	
PLIOCENE	801575	LEUCOCYTES	803055	
ORAL TEETH		CHILOSCYLLIUM INDICUM		ORECTOLOBIDAE
IDENTIFICATION	802527	AXIAL SKELETAL MUSCLES		
ISUROPSIS GLAUCA		HISTOLOGY		
MECHANICS OF SOFT ELASTIC TISSUES	801843	LIPID AND FATTY ACID CONTENT		SCYLIORHINIDAE
ISURUS HASTALUS		BIOCHEMISTRY	801651	
PLIOCENE	801575	RED MUSCLES		
ORAL TEETH		HISTOLOGY		
IDENTIFICATION	802527	BIOCHEMISTRY		
ISURUS OXYRINCHUS		LIPID AND FATTY ACID CONTENT	801651	
IDENTIFYING CHARACTERS	801949	CHILOSCYLLIUM OCELLATUM		
PLEISTOCENE	800407	LIST OF TYPES		
ADRENAL CORTEX		ICONOTYPE	802542	
FUNCTION	800358	PRISTIURUS MELANTOSTOMUS		
CORTICAL HORMONES		SYNONYMY	803131	
ENZYMOLGY	800358	SUBLITTORAL ZONE	803131	
CRUSTACEA		BATHYAL ZONE	803131	
AS COMMENSAL	802609	DISTRIBUTION	803131	
COPEPODA		SCYLIORHINUS		
PARASITE LIFE HISTORY	800355	JAWS		
HOST PARASITE INTERACTIONS	801753	ANATOMY		
XIPHIIDAE		FUNCTION		
XIPHIAS GLADIUS		DESCRIPTIVE EVOLUTION	802812	
AS FOOD FOR FISH	801949	ADRENAL MEDULLA		
INTENSITY OF INFECTION	800355	FUNCTION		
ISURUS PLANA		NORADRENALINE	802172	
ORAL TEETH		NORADRENALINE		
IDENTIFICATION	802527	BIOCHEMISTRY	802172	
LAMNA NASUS		BIOCHEMICAL BLOOD CONSTITUENTS		
COPEPODA		TRANSFERRIN	801403	
HOST PARASITE INTERACTIONS	801753	SCYLIORHINUS CANICULUS		
DISTRIBUTION	801315	OXYGEN CONSUMPTION		
		EXPERIMENTAL ANALYSIS	802236	
		OXIDATIVE METABOLISM	801147	
		ION AND WATER RELATIONSHIPS	801288	
		AXIAL SKELETAL MUSCLES		
ORECTOLOBIDAE		BIOCHEMISTRY	801086	
GINGLYMOSTOMA CIRRATUM		DEVELOPMENT	800431	
IDENTIFYING CHARACTERS	801917	CREATINE KINASE		
	801949	BIOCHEMISTRY	802610	
	800261	POTASSIUM		
ION AND WATER RELATIONSHIPS	800275	BIOCHEMISTRY	801999	
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	ICONOTYPE	802542	VERTICAL DISTRIBUTION	800559
	LABRICHTHYS CELIDOTUS		FISHERY STATISTICS	
	LIST OF TYPES	802542	CREEL CENSUS	802973
	ICONOTYPE		TAUTOGOLABRUS ADSPERSUS	
	LABROIDES DIMIDIATUS	801330	PIGMENT CELLS	
	DISTRIBUTION	800224	BIOCHEMISTRY	
	CLEANING SYMBIOSIS	800330	INNERVATION	801965
		800378	SPINAL CORD	
		800749	NERVE GROWTH FACTOR	
		801557	BIOCHEMISTRY	803314
	LABROIDES PHTHIROPHAGUS		EGG	
	CAPTIVE VS NATURAL FISHES		VERTICAL DISTRIBUTION	800559
	FEEDING	802628	ANATOMY	
	VERTICAL DISTRIBUTION	800336		



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[illegible]





APOGONIDAE (CONTINUED)	MASS MORTALITIES	802271	RATE OF GROWTH	801858
	APOGON		VERTICAL DISTRIBUTION	801858
	RELATIONSHIPS	801921	DISTRIBUTION	801858
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	DISTRIBUTION WITHIN HABITAT	800598	RELATIONSHIPS	801921
	SCHOOLING	800598	CONVERGENCE AND PARALLELISM	801921
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	NEW SPECIES	801921	CAUDAL SKELETON	
	RELATIONSHIPS	801921	ANATOMY	
	HABITAT PREFERENCE	801921	DESCRIPTIVE EVOLUTION	802680
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	SYNONYMY	800877	INVALIDATION	801921
BRANCHIOSTEGIDAE	APOGON COCCINEUS		SCEPTEIRAS LENIMEN	
	GROSS EXTERNAL ANATOMY	801926	DISTRIBUTION	801508
	DISTRIBUTION	801926	SYNAGROPS BELLA	
	APOGON CONKLINI		DISTRIBUTION	801655
	POLYMORPHISM	801949	SYNAGROPS MICROLEPIS	
	APOGON ELLIOTTI		OTOLITHS	
	LUMINESCENT ORGANS		ANATOMY	802517
	BIOCHEMISTRY	800872	VERTICAL DISTRIBUTION	802408
	APOGON ENDEKATAENIA		MERLUCCIIDAE	
	SYNONYMY	801936	MERLUCCIVUS CADENATI	
	DISTRIBUTION	801936	MERLUCCIVUS SENEGALENSIS	
	APOGON ERDMANII		AS PREDATOR	803131
	ECHINODERMATA			
	AS SHELTER FOR FISH	803367		
	APOGON EXOSTIGMA			
	GROSS EXTERNAL ANATOMY	800877		
	DISTRIBUTION	800877		
	APOGON IMBERBIS		ARRIPIDIDAE	
	REPRODUCTION	800548	ARIPIS TRUTTA	
	ORAL BROODING	800548	DISTRIBUTION	800332
	APOGON ISOSTIGMA		ARRIPIS GEORGIANUS	
	DISTRIBUTION	800877	COMPARATIVE ENZYMOLOGY	
	APOGON MACULATUS		DEHYDROGENASES	800572
	ORAL BROODING	801949	ARRIPIS TRUTTA	
	APOGON MELANOTAENIA		SYNONYMY	802542
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	APOGON ORBICULARIS		FISHING METHODS	801200
	CAUDAL SKELETON		FISHERY STATISTICS	801200
	ANATOMY		RECRUITMENT	801799
	DESCRIPTIVE EVOLUTION	802680	CENTROPRISTES SAPIDISSIMUS	
	APOGON PHENAX		INVALIDATION	802542
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	POLYMORPHISM	801949	BATHYCLUPEIDAE	
	APOGON PILLIONATUS		RELATIONSHIPS	802959
	NEW SPECIES	801921	BATHYCLUPEA ARGENTATA	
	RELATIONSHIPS	801921	LATERAL LINE PORES AND CANALS	
	HABITAT PREFERENCE	801921	STRUCTURE	800249
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	APOGON POWELLI		BRAMIDAE	
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	ORAL BROODING	801949	DISTRIBUTION	801248
	APOGON PUNCTICULATUS			801315
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	OXYGEN CONSUMPTION	801085	DISTRIBUTION	801653
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	CIRCADIAN RHYTHMS	801709	GROSS EXTERNAL ANATOMY	800451
	STARVATION		DISTRIBUTION	800451
	EFFECT ON FISH		TARACTES LONGIPINNIS	
	OXYGEN CONSUMPTION	801085	RATE OF GROWTH	801858
	ACTIVITY PATTERNS	801085	WEIGHT LENGTH RELATIONSHIP	801858
	APOGON RETROSELLA		DISTRIBUTION	801858
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	PREYING ON SMALL PREY	800379		
	APOGON ROBINSI			
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	HABITAT PREFERENCE	801921		
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801872

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ANATOMY

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CARANX HIPPOS

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SYNONYMY 803306

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CARANX MALABARICUS

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**CARANGIDAE**

ALECTIS

TO

DECAPTERUS

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	MORPHOMETRICS	801766	CESTODA	
	COGNATE SPECIES	801766	PARASITE SYSTEMATICS	
	GEMINATE SPECIES	801766	HOST PARASITE INTERACTIONS	801585
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	COGNATE SPECIES	801766	STRESS REACTIONS	
	GEMINATE SPECIES	801766	EXPERIMENTAL ANALYSIS	800899
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	MORPHOMETRICS	801766	TREATMENT FOR DISEASE	801033
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RELATIONSHIPS	802324	BACTERIAL DISEASES	801034	
MERISTICS	801216	HISTORY OF FISHERIES	801775	
SCALES	802324	FISHING METHODS	801404	
VERTEBRAE	802324		801775	
JUVENILE	803071	FISHERY STATISTICS	801775	
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JUVENILE	802324	UNSATURATED FAT CONTENT	802153	
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DISTRIBUTION	802324	DEVELOPMENT	801825	
	802440	LARVA		
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JUVENILE	803071	DEVELOPMENT	801825	
GUT CONTENTS	800523	ALLOMETRY		
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DISTRIBUTION	801450	PARASITE SYSTEMATICS	800653	
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REDESCRIPTION	800394	AS PARASITE		
SYNONYMY	800394	PARASITE SYSTEMATICS	800370	
CARANGIDAE		DISTRIBUTION		
TRACHURUS		LARVA	801825	
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DISTRIBUTION	800394	DISTRIBUTION	801825	
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		AUXIS TAPEINOSOMA		
		DIGENEA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		NEMATODA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		PARASITE SYSTEMATICS	800826	
		ACANTHOCEPHALA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		PARASITES SHARED WITH MAN	800826	
		AUXIS THAZARD		
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		IDENTIFYING CHARACTERS	802021	
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		PARASITE SYSTEMATICS	802938	
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		POPULATION DENSITY	802887	
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MAXIMUM SIZE	801858			
COELENTERATA				
AS FOOD FOR FISH	801858			
DISTRIBUTION	800151			
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	BRAIN		DISTRIBUTION	800764
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TO	HISTOLOGY	803183	SCHOOLING	
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	COPEPODA		FISH CULTURAL METHODOLOGY	803263
	PARASITE SYSTEMATICS		PNEUMATOPHORUS JAPONICUS	
	INCIDENCE OF INFECTION	801933	STOMACH	
	DISTRIBUTION	801775	EXPERIMENTAL ANALYSIS	800920
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		801949	AXIAL SKELETAL MUSCLES	
		803359	ANATOMY	
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	CAUDAL SKELETON		DISTRIBUTION	800453
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	TEMPERATURE	802554	ARTERIAL SYSTEM	800474
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	FUNCTION	801216	SEASONAL CHANGES	802003
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	FUNCTION	801216	AXIAL SKELETAL MUSCLES	
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		803359	FEEDING	
		803388	EXPERIMENTAL ANALYSIS	801583
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	SEASONAL ABUNDANCE	803388	VERTICAL DISTRIBUTION	801098
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	FEEDING	800336		801099
	SCHOOLING	800336		801098
	IDENTIFICATION	800764	FISHERY STATISTICS	801099
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OLIGOCENE	802662	WEIGHT LENGTH RELATIONSHIP	802740	
SCOMBEROMORUS		POPULATION GENETICS	800143	
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SCOMBEROMORUS CAVALLA		SERUM TRANSFERRIN		
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EXERCISE			801977	
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TEMPERATURE	802554	FISHERY STATISTICS	801610	
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DIGENEA		MAXIMUM YIELD	801775	
PARASITE SYSTEMATICS	800658		801977	
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SYNONYMY	801880	THUNNUS GERM		
KEY	801880	BIOCHEMICAL BLOOD CONSTITUENTS		
MORPHOMETRICS	801880	MYOGLOBIN	801474	
COLORATION	801880	THUNNUS MACCOYII		
ISOLATING MECHANISMS	801880	MERISTICS	801880	
GEOGRAPHIC VARIATION	801880	POLYMORPHISM		
DISTRIBUTION WITHIN HABITAT	802462	SERUM TRANSFERRIN		
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SEASONAL ABUNDANCE	801880	YOLK		
ORIENTATION TO FLOATING OBJECTS		DESCRIPTIVE EVOLUTION		
EXPERIMENTAL ANALYSIS	800478	PROTEIN SPECIFICITY	801821	
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	802887	POPULATION GENETICS	800143	
MIGRATIONS	801880	INFRASPECIFIC VARIATION	801610	
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RADIOACTIVE CONTENT	800890	DISTRIBUTION	801775	
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SERUM ESTERASE	800143	AGE CLASS DISTRIBUTION	800897	
LARVA		GUT CONTENTS	800523	
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RATE OF GROWTH	802287	RECRUITMENT	800897	
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POPULATION GENETICS	800143	AXIAL SKELETAL MUSCLES		
INFRASPECIFIC VARIATION	801610	MYOGLOBIN		
DISTRIBUTION WITHIN HABITAT	802963	BIOCHEMISTRY	801595	
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TEMPERATURE		GENERAL STRUCTURE AND BEHAVIOR	803183	
DESCRIPTION AND OCCURRENCE	800339	MERISTICS	801880	
	801610	MORPHOMETRICS	802014	
		PASSIVE ELECTRICAL PROPERTIES		



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FEEDING	801917	MERISTICS	802933	SPHYRAENOIDEI
PREYING ON LARGE PREY	802991	MORPHOMETRICS	802933	(CONTINUED)
PREYING ON SMALL PREY	803002	SUBLITTORAL ZONE	803131	
CIGUATERA PRODUCING	803002	BATHYAL ZONE	803131	
ATTACKS ON MAN	803086	DISTRIBUTION	801248	STROMATEOIDEI
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SEASONAL ABUNDANCE			803131	
SPHYRAENA CHINENSIS	802506	ICHTHYS LOCKINGTONI		ARIOMMIDAE
SYNONYMY	802374	IDENTIFYING CHARACTERS	801858	
SPHYRAENA DUBIA		SAGITTA	802598	
OTOLITHS		MAXIMUM SIZE	801858	CENTROLOPHIDAE
ANATOMY	802517	COELENTERATA		
SPHYRAENA ENSIS		AS FOOD FOR FISH		
EXERCISE		AS SHELTER FOR FISH	801858	NOMEIDAE
EFFECT ON FISH		CRUSTACEA		
TEMPERATURE	802554	AS FOOD FOR FISH	801858	
SPHYRAENA ESCOCIA		MAMMALIA		STROMATEIDAE
INVALIDATION	801859	AS PREDATOR	802598	
SPHYRAENA GUACHANCHO		MUPUS OVALIS		
IDENTIFYING CHARACTERS	801949	SYNONYMY	803131	
SPHYRAENA JAPONICA		SUBLITTORAL ZONE	803131	
STOMACH		DISTRIBUTION	803131	
EXPERIMENTAL ANALYSIS	800920	PSENOPSIS		
SPHYRAENA JELLO		DISTRIBUTION	802228	
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SPHYRAENA NOVAEHOLLANDIAE		VERTICAL DISTRIBUTION	802228	
SYNONYMY	800439	SERIOLELLA BRAMA		
GROSS EXTERNAL ANATOMY	800439	COPEPODA		
DISTRIBUTION	800439	PARASITE SYSTEMATICS	801753	
SPHYRAENA OBTUSATA		DISTRIBUTION	800332	
MONOGENEA				
INCIDENCE OF INFECTION				
HOST PARASITE INTERACTIONS	801524			
COPEPODA		NOMEIDAE		
AS PARASITE		CUBICEPS GRACILIS		
PARASITE SYSTEMATICS	800438	IDENTIFYING CHARACTERS	801858	
SPHYRAENA PICUDILLA		WEIGHT LENGTH RELATIONSHIP	801858	
IDENTIFYING CHARACTERS	801917	CUBICEPS ISMAELENIS		
	801949	SUBLITTORAL ZONE	803131	
	801917	BATHYAL ZONE	803131	
DISTRIBUTION		DISTRIBUTION	803131	
SPHYRAENA PINGUIS		NOMEUS GRONOVII		
GENERAL STRUCTURE AND BEHAVIOR	803183	IDENTIFYING CHARACTERS	801949	
BRAIN		DISTRIBUTION	801949	
ANATOMY		PARACUBICEPS LEDANOISI		
HISTOLOGY	803183	SUBLITTORAL ZONE	803131	
BRACKISH ENVIRONMENT		DISTRIBUTION	803131	
EUTROPIC LAKES	802516	PSENES CYANOPHRYS		
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SPHYRAENA PISCATORUM		BIOCHEMISTRY		
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ANATOMY	802517	SKIN	801764	
SPHYRAENA SPHYRAENA		ONTOGENETIC COLOR CHANGE	801949	
SYNONYMY	801859	DISTRIBUTION	801949	
SPHYRAENA SPINOSUS		PSENES EXTRANEUS		
COPEPODA		LIST OF TYPES	802227	
AS PARASITE		PSENES PACIFICUS		
PARASITE SYSTEMATICS	800438	ORIENTATION TO FLOATING OBJECTS		
SPHYRAENELLA		EXPERIMENTAL ANALYSIS	800337	
INVALIDATION	803147	PSENES PELLUCIDENS		
		IDENTIFYING CHARACTERS	801858	
STROMATEOIDEI				
HYOID ARCH	801986	STROMATEIDAE		
BRANCHIOSTEGALS	801986	RELATIONSHIPS	802680	
OPERCULUM	801986	PAMPUS ARGENTUS		
		DISTRIBUTION	802649	
		SEASONAL ABUNDANCE	802649	
		REPRODUCTION	802649	
ARIOMMIDAE		PAMPUS CHINENSIS		
ARIOMMA LEDANOISEI		DISTRIBUTION	802649	
VERTICAL DISTRIBUTION	802408	SEASONAL ABUNDANCE	802649	
ARIOMMA LEDANOISI		FISHERY STATISTICS	800443	
OTOLITHS		PEPRILUS ALEPIDOTUS		
ANATOMY	802517	CAUDAL SKELETON		
ARIOMMA MULTISQUAMIS		ANATOMY		
OTOLITHS		DESCRIPTIVE EVOLUTION	802680	
ANATOMY	802517	SEASONAL ABUNDANCE	802506	
VERTICAL DISTRIBUTION	802408	PEPRILUS BURTI		
ARIOMMA REGULUS		CIRCADIAN RHYTHMS	800418	
IDENTIFYING CHARACTERS	801949	PEPRILUS TRIACANTHUS		
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MERISTICS	802133	BIOCHEMISTRY	800257	
MORPHOMETRICS	802133	POPULATION DENSITY	801776	
COLORATION	802133	SEASONAL ABUNDANCE	802506	
ONTOGENETIC COLOR CHANGE	801949	STANDING CROP	801776	
DISTRIBUTION	801949	PSENOPSIS ANOMALA		
	802133	DIGENEA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		CESTODA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		NEMATODA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
CENTROLOPHIDAE		STROMATEUS ARGENTUS		
SAGITTA	802598	MONOGENEA		
MAMMALIA		PARASITE SYSTEMATICS	802938	
AS PREDATOR	802598	STROMATEUS CHINENSIS		
CENTROLOPHUS BRITANNICUS		MONOGENEA		
IDENTIFYING CHARACTERS	802933	PARASITE SYSTEMATICS	802938	
MERISTICS	802933			
MORPHOMETRICS	802933			
DISTRIBUTION	802933			
CENTROLOPHUS NIGER				
IDENTIFYING CHARACTERS	802933			

STROMATEIDAE (CONTINUED)	OTOLITHS ANATOMY SUBLITTORAL ZONE DISTRIBUTION	802517 803131 803131	ERYTHROCYTES LEUCOCYTES PROLAPTILUS JUGULARIS VISCERAL SKELETON SKULL	802194 802194 803019 803019
TETRAGONURIDAE				
TRACHINOIDEI	<b>TETRAGONURIDAE</b> TETRAGONURUS CUVIERI IDENTIFYING CHARACTERS RATE OF GROWTH MAXIMUM SIZE COELENTERATA AS FOOD FOR FISH SCOMBRIDAE THUNNUS ALALUNGA AS PREDATOR REPRODUCTIVE SEASON	801858 801858 801858 801858 801858 801858	<b>OPISTOGNATHIDAE</b> IDENTIFYING CHARACTERS KEY DISTRIBUTION WITHIN HABITAT DISTRIBUTION SHELTER CONSTRUCTION OPISTOGNATHUS AURIFRONS IDENTIFYING CHARACTERS MERISTICS MORPHOMETRICS COLORATION DISTRIBUTION SHELTER CONSTRUCTION	801917 801949 801949 801949 801949 802133 802133 802133 802133 800023 801949
BATHYMASTERIDAE			OPISTOGNATHUS FASCIATUS INVALIDATION MAXIMUM SIZE OPISTOGNATHUS HONGKONGIENSIS NEW NAME OPISTOGNATHUS MAXILLOSUS DISTRIBUTION SHELTER CONSTRUCTION OPISTOGNATHUS WHITEHURSTI DISTRIBUTION SHELTER CONSTRUCTION ORAL BROODING	800159 801949 800159 800940 801949 800940 801949 801949
CHEIMARRHICHTHYIDAE			<b>PERCOPHIDAE</b> RELATIONSHIPS BEMBROPS HETERURUS IDENTIFYING CHARACTERS OTOLITHS ANATOMY SUBLITTORAL ZONE VERTICAL DISTRIBUTION DISTRIBUTION HEMEROCOETES SKULL HEMEROCOETES ACANTHORHYNCHOS INVALIDATION LIST OF TYPES ICONOTYPE HEMEROCOETES MONOPTERYGIUS SYNONYMY	803019 803131 802517 803131 802408 803131 803019 802542 802542 802542
CHIASMODONTIDAE			<b>TRACHINIDAE</b> RELATIONSHIPS OTOLITHS ANATOMY SUBLITTORAL ZONE DISTRIBUTION TRACHINUS GROSS EXTERNAL ANATOMY OLIGOCENE PALEOECOLOGY TRACHINUS DRACO CAUDAL SKELETON ANATOMY PELVIC GIRDLE VISCERAL SKELETON SKULL DISTRIBUTION TRACHINUS MINUTUS SYNONYMY OLIGOCENE SKELETON ANATOMY TRACHINUS VIPERA EGG DISTRIBUTION WITHIN HABITAT DEVELOPMENT IDENTIFICATION BRACKISH ENVIRONMENT MANMADE HABITATS	800747 800747 800747 803019 803019 803019 803019 802662 802662 802662 801570 803040 800627 800627
DACTYLOSCOPIDAE			<b>TRICHODONTIDAE</b> ARCTOSCOPUS JAPONICUS GENERAL STRUCTURE AND BEHAVIOR BRAIN ANATOMY HISTOLOGY DISTRIBUTION	803183 803183 801029
MUGILOIDIDAE				
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TRACHINIDAE				
TRICHODONTIDAE				
	<b>BATHYMASTERIDAE</b> RELATIONSHIPS BATHYMASTER SIGNATUS CAUDAL SKELETON ANATOMY VISCERAL SKELETON SKULL RONQUILUS JORDANI VERTICAL DISTRIBUTION COMMUNITY COMPARISONS	803019 803019 803019 803019 802604 802604		
	<b>CHEIMARRHICHTHYIDAE</b> RELATIONSHIPS NOSE ANATOMY CHEIMARRHICHTHYS FOSTERI SKULL	803019 803019 803019 803019		
	<b>CHIASMODONTIDAE</b> IDENTIFYING CHARACTERS KALI NORMANI LIFE SPAN WEIGHT LENGTH RELATIONSHIP CRUSTACEA AS FOOD FOR FISH TELEOSTEI AS FOOD FOR FISH PSEUDOSCOPELUS ALTIPINNIS RELATIONSHIPS PSEUDOSCOPELUS SCRIPTUS RELATIONSHIPS	801858 801858 801858 801858 801858 801858 801858 801858 801858		
	<b>DACTYLOSCOPIDAE</b> RELATIONSHIPS IDENTIFYING CHARACTERS KEY PELVIC FINS ANATOMY FUNCTION PELVIC GIRDLE DISTRIBUTION WITHIN HABITAT DISTRIBUTION DACTYLOSCOPUS TRIDIGITATUS PARENTAL CARE OF EGGS GILLELLUS RUBROCINCTUS IDENTIFYING CHARACTERS MERISTICS MORPHOMETRICS COLORATION DISTRIBUTION	803019 801949 801949 803019 803019 801949 801949 801949 802133 802133 802133 802133 802133		
	<b>MUGILOIDIDAE</b> RELATIONSHIPS NOSE ANATOMY BEMBROPS SKULL NEOPERCS TESSELLATA LIST OF TYPES PARAPERCS COLIAS COPEPODA PARASITE SYSTEMATICS DISTRIBUTION PARAPERCS HEXOPHTHALMA	803019 803019 803019 802227 801753 800332		



<b>TRICHONOTIDAE</b>			TRICHONOTIDAE		
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CHALIXODYTES TAUENSIS			LARVA	803040	URANOSCOPIDAE
GROSS EXTERNAL ANATOMY	801926		ARNOGLOSSUS SCAPHA		
DISTRIBUTION	801926		DISTRIBUTION	800332	
LIMNICHTHYS NITIDUS			ARNOGLOSSUS THORI		PLEURONECTIFORMES
SYNONYMY	801926		MERISTICS	801995	
			MORPHOMETRICS	801995	
			BOTHUS LUNATUS		BOTHIDAE
			IDENTIFYING CHARACTERS	801917	
			DISTRIBUTION	801917	
<b>URANOSCOPIDAE</b>			BOTHUS OCELLATUS		
RELATIONSHIPS	802680		IDENTIFYING CHARACTERS	801917	
	803019		EYE		
GENERAL STRUCTURE AND BEHAVIOR	801272		DEVELOPMENT		
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VISCERAL SKELETON	803019		DISTRIBUTION	801917	
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PLEISTOCENE	800934		VERTICAL DISTRIBUTION	802408	
ELECTRIC ORGANS			CITHARICHTHYS		
FUNCTION			PLEISTOCENE	800407	
INNERVATION	803446		SAGITTA	800407	
ASTROSCOPUS YGRAECUM			CITHARICHTHYS GILBERTI		
SEASONAL ABUNDANCE	802506		MERISTICS	803152	
GENYAGNUS MONOPTERYGIUS			MORPHOMETRICS	803152	
SYNONYMY	802542		ALLOMETRY	803152	
DISTRIBUTION	800332		DISTRIBUTION	803152	
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BRAIN			OTOLITHS		
ANATOMY			IDENTIFICATION	802527	
HISTOLOGY	803183		SUBLITTORAL ZONE	802604	
KATHETOSTOMA AVERRUNCUS			VERTICAL DISTRIBUTION	801780	
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WEIGHT LENGTH RELATIONSHIP	801858		COMMUNITY COMPARISONS	802604	
VERTICAL DISTRIBUTION	801858		CITHARICHTHYS SPILOPTERUS		
TELEOSTEI			GROWTH	800418	
AS FOOD FOR FISH	801858		DISTRIBUTION	802259	
DISTRIBUTION	801858		CIRCADIAN RHYTHMS	800418	
REPRODUCTIVE SEASON	801858		SEASONAL ABUNDANCE	802506	
KATHETOSTOMA GIGANTEUM			MIGRATIONS	802188	
DISTRIBUTION	800332		CITHARICHTHYS STIGMAEUS		
URANOSCOPIUS BUFO			SUBLITTORAL ZONE	802604	
IDENTIFYING CHARACTERS	803131		VERTICAL DISTRIBUTION	802604	
SUBLITTORAL ZONE	803131		COMMUNITY COMPARISONS	802604	
DISTRIBUTION	803131		CYCLOPSETTA CHITTENDENI		
URANOSCOPIUS FORSTERI			VERTICAL DISTRIBUTION	802791	
INVALIDATION	802542		POPULATION DENSITY	802791	
LIST OF TYPES			AGE CLASS DISTRIBUTION	802791	
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URANOSCOPIUS SCABER			CIRCADIAN RHYTHMS	800418	
CAUDAL SKELETON			SEASONAL ABUNDANCE	802506	
ANATOMY			ETROPUS MICROSTOMUS		
DESCRIPTIVE EVOLUTION	802680		MIGRATIONS	802188	
MESENCEPHALON			EUCITHARUS LINGUATULA		
HISTOLOGY	802463		VERTICAL DISTRIBUTION	802408	
TRIGEMINAL NERVE			LEPIDORHOMBUS WHIFFIAGONIS		
HISTOLOGY	802463		OTOLITHS		
SUBLITTORAL ZONE	803131		ANATOMY	802517	
DISTRIBUTION	803131		MANCOPSETTA MILFORDI		
			DISTRIBUTION	801655	
			PARALICHTHYS		
			CAUDAL SKELETON		
<b>PLEURONECTIFORMES</b>			ANATOMY	802983	
RELATIONSHIPS	801986		PECTORAL GIRDLE		
GENERAL STRUCTURE AND BEHAVIOR	801828		ANATOMY	802983	
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LDH ISOENZYMES	801571		ANATOMY	802983	
LDH ISOENZYMES			SKULL		
INHERITANCE	803104		ANATOMY	802983	
OLIGOCENE	801561		PARALICHTHYS ALBIGUTTA		
COLOR VISION			IDENTIFYING CHARACTERS	802983	
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CIRCADIAN RHYTHMS	800489		AXIAL SKELETON		
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OUTDOOR CENSUS AND SAMPLING	801156		IDENTIFICATION	802983	
			VISCERAL SKELETON		
			ANATOMY		
			IDENTIFICATION	802983	
			SEASONAL ABUNDANCE	802506	
			PARALICHTHYS DENTATUS		
<b>BOTHIDAE</b>			IDENTIFYING CHARACTERS	802983	
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IDENTIFYING CHARACTERS	801949		AXIAL SKELETON		
KEY	801949		ANATOMY		
CAUDAL SKELETON			IDENTIFICATION	802983	
ANATOMY			VISCERAL SKELETON		
DESCRIPTIVE EVOLUTION	802680		ANATOMY		
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ABYSSAL ZONE	801995		IDENTIFYING CHARACTERS	802983	
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ANCYLOPSETTA QUADROCELLATA			AXIAL SKELETON		
GROWTH	800418		ANATOMY		
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MERISTICS	801995		VISCERAL SKELETON		
MORPHOMETRICS	801995		ANATOMY		
EGG	803040		IDENTIFICATION	802983	
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HIPPOGLOSSOIDES PLATESSOIDES		SALINITY		
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HISTOLOGY	800945	EFFECT ON FISH		
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HISTOLOGY		MINERAL CONTENT	801945	
FUNCTION		BACTERIA		
DESCRIPTIVE EVOLUTION	801567	AS COMMENSAL		
OTOLITH AGE STUDY	802249	INTESTINE	800436	
DISTRIBUTION	800758	DISTRIBUTION		
EGG	803040	EGG	800972	
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HIPPOGLOSSUS		EGG	800352	
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EYE		PLATICTHYS FLEUS X		
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CIRCULATORY SYSTEM	800945	ULTRASTRUCTURE	802252	
RETINA		LIMANDA YOKOHAMAE		
HISTOLOGY	800945	SEASONAL ABUNDANCE		
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EGG	803040	EFFECT ON FISH		
REDUCTION OF RANGE BY MAN	800727	FEEDING	802893	
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	801846	CORTICAL HORMONES	801950	
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HIPPOGLOSSUS STENOLEPIS		STANDING CROP	801780	
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BRAIN		AXIAL SKELETAL MUSCLES		
ANATOMY		GLYCOGEN		
HISTOLOGY	803183	BIOCHEMISTRY		
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AS PREDATOR	800218	HISTOLOGY		
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REGULATION OF CATCH	801221	DEVELOPMENT	802299	
	801787	YOLK		
	802151	DESCRIPTIVE EVOLUTION		
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MATHEMATICAL POPULATION MODELS		HATCHING	802868	
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AXIAL SKELETAL MUSCLES		DEVELOPMENT	802868	
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ISOPSETTA ISOLEPIS		SPOILAGE PROBLEMS	802475	
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DISTRIBUTION WITHIN HABITAT		SERUM ESTERASE	800329	
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BACTERIA		ULTRASTRUCTURE	802252	
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SKIN	800869	GEOGRAPHIC VARIATION	803131	
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LIMANDA ASPERA		EFFECT ON FISH	802232	
SEXUALLY DIMORPHIC SIZE	801097	OXYGEN CONSUMPTION		
RATE OF GROWTH	801097	ACCLIMATION	802907	
AGE CLASS DISTRIBUTION	801097	BRACKISH ENVIRONMENT	800627	
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ICHTHYOPHONUS DISEASE		BLOOD AND LYMPH	800352	
INCIDENCE OF INFECTION		URINE	800352	
HOST PARASITE INTERACTIONS	802305	OVARY	800352	
HISTORY OF FISHERIES	800758	EFFECT ON FISH		
	801888	EGG		
LIMANDA HERZENSTEINI		MINERAL CONTENT	801945	
GENERAL STRUCTURE AND BEHAVIOR	803183	COPEPODA		
BRAIN		PARASITE LIFE HISTORY	800969	
ANATOMY		DISTRIBUTION		
HISTOLOGY	803183	EGG	800972	
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MUCUS				



PLEURONECTIDAE	YOUNG	802908		802131
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TANAKIUS	GADUS MORHUA X		FISHERY STATISTICS	800334
	FERTILIZATION		FISHERIES IMPROVEMENT	800334
	ULTRASTRUCTURE	802252	ARTIFICIAL PROPAGATION AND PLANTING	801829
PSETTODIDAE	ARTIFICIAL HYBRIDIZATION	802252	ARTIFICIAL REARING ENVIRONMENTS	801471
	LIMANDA LIMANDA X		PLEURONECTES VERTICALIS	
	FERTILIZATION		CHROMOSOME NUMBER	800601
SCOPHTHALMIDAE	ULTRASTRUCTURE	802252	PSETTICHTHYS MELANOSTICTUS	
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	BIOCHEMISTRY		EYE	
	STARCH	802465	ANATOMY	
	SERUM PROTEINS		CIRCULATORY SYSTEM	800945
	IODINE		RETINA	
	FUNCTION	802470	HISTOLOGY	800945
	YOLK		FECUNDITY	802431
	DESCRIPTIVE EVOLUTION		EGG	
	PROTEIN SPECIFICITY	801821	BIOCHEMISTRY	800257
	ARCHEOLOGICAL DATA	800521	MOLLUSCA	
	PLEURONECTES COENOSUS		AS FOOD FOR FISH	801693
	SERUM PROTEINS		DISTRIBUTION	800758
	IODINE		HISTORY OF FISHERIES	800758
	FUNCTION	802470	FISHERY STATISTICS	
	PLEURONECTES MICROCEPHALUS		CREEL CENSUS	802973
	EGG	803040	NATURAL MORTALITY	801829
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	PLEURONECTES PLATESSA		DEXTRALITY OR SINISTRALITY	
	METABOLIC RATE		OTOLITHS	802517
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	ION AND WATER RELATIONSHIPS		CIRCULATORY SYSTEM	800945
	EGG	801945	RETINA	
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	VISUAL SENSITIVITY AND ACUITY		DISTRIBUTION	802613
	DEVELOPMENT	801532	LENGTH FREQUENCY	801888
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	OTOLITH AGE STUDY	802249	DISTRIBUTION	803131
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	LITTORAL ZONE		CAUDAL SKELETON	
	FISH CULTURAL METHODOLOGY	802278	ANATOMY	
	SUBLITTORAL ZONE		DESCRIPTIVE EVOLUTION	802680
	AS PREDATOR	800179		
	BRACKISH ENVIRONMENT	800627		
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	LIGHT			
	EFFECT ON FISH		SCOPHTHALMIDAE	
	FEEDING	801532	SCOPHTHALMUS AQUOSUS	
	WATER PRESSURE		HYOID ARCH	801986
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	LETHAL ENVIRONMENTAL LIMITS	802907	EGG	
	EFFECT ON FISH	802232	VERTICAL DISTRIBUTION	800559
	SALINITY		ANATOMY	
	ACCLIMATION	800352	HYDRODYNAMICS	800559
	BLOOD AND LYMPH	800352	POPULATION DENSITY	801776
	URINE	800352	STANDING CROP	801776
	OVARY	800352	SCOPHTHALMUS MAEOTICUS	
	EFFECT ON FISH		LETHAL ENVIRONMENTAL LIMITS	800724
	EGG		POPULATION CHANGES	802005
	MINERAL CONTENT	801945	OIL POLLUTANTS	
	CILIATA		EFFECT ON FISH	800724
	INCIDENCE OF INFECTION	801432	EGG	800724
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	INCIDENCE OF INFECTION	801950	SCOPHTHALMUS MAXIMUS	
	PARASITE LIFE HISTORY	801950	AXIAL SKELETAL MUSCLES	
	HOST PARASITE INTERACTIONS	801950	BIOCHEMISTRY	801086
	MONOGENEA		OTOLITH AGE STUDY	802249
	HOST PARASITE INTERACTIONS	801432		802250
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	HOST PARASITE INTERACTIONS		TEMPERATURE	
	INTENSITY OF INFECTION		EFFECT ON FISH	
	INCIDENCE OF INFECTION	801432	ENZYMOLGY	801086
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	EGG	800353	FEEDING	
	CIRCADIAN RHYTHMS	801156	YOUNG	802908
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	EGG	800352		801846
	FEEDING		FISHERY STATISTICS	800715
	LARVA	802923	HABITAT POLLUTION	
	YOUNG	802908	SCOPHTHALMUS RHOMBUS	
	HABITAT PREFERENCE	802908	OTOLITHS	
	HOME RANGE AND HOMING	802131	ANATOMY	802517
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FEEDING			802250	SCOPHTHALMIDAE
YOUNG	802908			(CONTINUED)
HISTORY OF FISHERIES	801846			
FISHERY STATISTICS	801846			
<b>SOLEIDAE</b>				
RELATIONSHIPS	802680			
CAUDAL SKELETON				
ANATOMY				
DESCRIPTIVE EVOLUTION	802680			
SUBLITTORAL ZONE	801995			
	803131			
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	803131			
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VERTICAL DISTRIBUTION	801995			
DISTRIBUTION	803131			
SEASONAL ABUNDANCE	801995			
ACHIRUS				
ANAL FIN SKELETON				
ANATOMY	800406			
DESCRIPTIVE EVOLUTION	800406			
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DISTRIBUTION	801041			
BRACHIRUS COMMERSONI				
DISTRIBUTION	802649			
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DISTRIBUTION	800457			
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IDENTIFYING CHARACTERS	803131			
MERISTICS	801995			
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IDENTIFYING CHARACTERS	801949			
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LIACHIRUS MELANOSPILUS				
GROSS EXTERNAL ANATOMY	800439			
DISTRIBUTION	800439			
MICROCHIRUS VARIEGATUS				
EGG				
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SKELETON	801918		OLIGOCENE	800747
PELVIC GIRDLE	801918		PALEOECOLOGY	800747
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SYNONYMY	801918		CAPROS RADOBOJANUS	
SKELETON	801918		SYNONYMY	802662
PELVIC GIRDLE	801918		MORPHOMETRICS	802662
ORAL TEETH	801918		OLIGOCENE	802662
HOLLARDIA MEADI			SKELETON	
DIAGNOSIS	801918		ANATOMY	802662
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DIAGNOSIS	801918			
SKELETON	801918			
PELVIC GIRDLE	801918			
PSEUDOBANCH	801918			
ORAL TEETH	801918			
MACRORHAMPHOSODES PLATYCHEILUS			GRAMMICOLEPIDIDAE	
DIAGNOSIS	801918		DARAMATTUS ARMATUS	
SYNONYMY	801918		RELATIONSHIPS	803368
MOUTH	801918		REDESCRIPTION	803368
ORAL TEETH	801918		DISTRIBUTION	803368
MACRORHAMPHOSODES URADOI			DARAMATTUS BARNARDI	
DIAGNOSIS	801918		NEW SPECIES	803368
SYNONYMY	801918		SYNONYMY	803368
MOUTH	801918		MERISTICS	803368
SKELETON	801918		GRAMMICOLEPIS BRACHIUSCULUS	
ORAL TEETH	801918		SYNONYMY	803131
FEEDING	801918		BATHYAL ZONE	803131
MEPHISTO FRASERBRUNNERI			DISTRIBUTION	803131
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SYNONYMY	801918		MORPHOMETRICS	801655
PELVIC GIRDLE	801918		ANAL FIN	801655
DORSAL FIN SKELETON	801918		SAGITTA	801655
VISCERAL SKELETON	801918		DISTRIBUTION	801655

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SYNONYMY	801655	NEMATODA		
ALLOCYTTUS FOLLETTI		INCIDENCE OF INFECTION	801416	ZEIDAE
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IDENTIFYING CHARACTERS	801858	DISTRIBUTION	801949	ATHERINIDAE
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SYNONYMY	801655	RELATIONSHIPS	800439	
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		COPEPODA		
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		POPULATION DENSITY	801377	
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		DEVELOPMENT	801187	
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		DEVELOPMENT	801187	
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		DEVELOPMENT	801187	
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		IDENTIFYING CHARACTERS	802244	
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		ANATOMY		
		DESCRIPTIVE EVOLUTION	802680	
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		BRANCHIOSTEGALS	801986	
		ACOUSTICOLATERALIS NERVE	801986	
		DEVELOPMENT	801187	
		LATERAL LINE		
		FUNCTION		
		DEVELOPMENT	801187	
		LATERAL LINE PORES AND CANALS		
		ANATOMY	800249	
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		DISTRIBUTION	800308	
			802244	
		HABITAT PREFERENCE	802244	
		AVOIDANCE RESPONSES		
		SCHOOLING	803003	
		SCHOOLING		
		DEVELOPMENT	801187	
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		DISTRIBUTION	803359	
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	HYOID ARCH	801986	REPRODUCTION	800506
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	LATERAL LINE PORES AND CANALS		NATURAL HISTORY	801630
	STRUCTURE	800249	REPRODUCTION	801630
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	DESCRIPTIVE EVOLUTION	802680	HABITAT PREFERENCE	
	ANABLEPS DOVII		CARYOTYPE	
	HYOID ARCH	801986	RELATIONSHIPS	801991
	BRANCHIOSTEGALS	801986	APLOCHEILICHTHYS	
			NATURAL HYBRIDIZATION	801988
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			GENERAL STRUCTURE AND BEHAVIOR	800678
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	CYPRINODONTIDAE		APLOCHEILICHTHYS GAMBIANUS	
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	IDENTIFYING CHARACTERS	801988	LATERAL LINE PORES AND CANALS	801988
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		803385	DISTRIBUTION	802689
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	CHROMOSOME NUMBER	803385	IDENTIFYING CHARACTERS	803391
	CARYOTYPE	803391	DISTRIBUTION	803391
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	EUTROPIC LAKES	801745	DISTRIBUTION	802530
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		802259	FISH CONSERVATION	800137
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		802259	GENERAL STRUCTURE AND BEHAVIOR	801828
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	ADINIOPS		CYPRINODON ATRORUS X	
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	APHYOSEMION		NEW SPECIES	801477
	IDENTIFYING CHARACTERS	803391	RELATIONSHIPS	801477
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	RELATIONSHIPS	801991	EXPANSION OF RANGE BY MAN	802870
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	APHYOSEMION CALLIURUM		SUBSPECIES	802870
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CAUDAL SKELETON		MACROPHAGES		
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LETHAL ENVIRONMENTAL LIMITS		CHLORIDE CELLS		
TEMPERATURE	802612	FUNCTION	802262	
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GROWTH HORMONE		IDENTIFYING CHARACTERS	803391	

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EFFECT ON FISH	801572	EXPERIMENTAL ANALYSIS	800733	POECILIIDAE
ARTIFICIAL POPULATION MANIPULATION	800051	CORPUSCLES OF STANNIUS		(CONTINUED)
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EXPERIMENTAL ANALYSIS	<b>800823</b>	EXPERIMENTAL ANALYSIS	<b>800837</b>	
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HISTOLOGY	<b>802463</b>		<b>803379</b>	
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FUNCTION	<b>800731</b>	INTERSPECIFIC COMPETITION	<b>803179</b>	
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	MURAENESOX TALABONOIDES		LIFE SPAN		801858
	DISTRIBUTION	802649	NETTASTOMA		
	SEASONAL ABUNDANCE	802649	BRANCHIOSTEGALS		801986
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	PARAXENOMYSTAX BIDENTATUS		NEW SPECIES		800710
	REDESCRIPTION	800402	RELATIONSHIPS		800710
	METAMORPHOSIS	800402	MERISTICS		800710
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	DISTRIBUTION WITHIN HABITAT	801949	REDEFINITION		802712
	DISTRIBUTION	801917	KEY		801949
	HABITAT PREFERENCE	801949	DISTRIBUTION WITHIN HABITAT		801949
	ENCHELYCORE NIGRICANS		DISTRIBUTION		801917
	CAUDAL SKELETON				801949
	ANATOMY		HABITAT PREFERENCE		801917
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	HYOID ARCH	801986	ANATOMY		802712
	BRANCHIOSTEGALS	801986	SUBLITTORAL ZONE		803131
	GYMNOTHORAX FLAVIMARGINATUS		DISTRIBUTION		803131
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	GYMNOTHORAX FUNEBRIS		CAUDAL SKELETON		802712
	OPTIC TECTUM		ORAL TEETH		802712
	HISTOLOGY		MYRICHTHYS OCULATUS		
	FUNCTION	802665	GUT CONTENTS		801917
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	GYMNOTHORAX JAVANICUS		NEW SPECIES		800710
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	MERISTICS	800710	CAUDAL SKELETON		802712
	MORPHOMETRICS	800710	ORAL TEETH		802712
	GYMNOTHORAX SOKOTRENSIS		LARVA		
	NEW SPECIES	800710	ANATOMY		802712
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NOTACANTHIDAE	CAUDAL SKELETON		HYOID ARCH	801986
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	DESCRIPTIVE EVOLUTION	801386	BATHYAL ZONE	803131
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	BARBUS MERIDIONALIS GILLS		PHARYNGEAL TEETH	800129
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	BARBUS MOTEBENSIS REDESCRIPTION	802901	MOLLUSCA	
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	SEASONAL SEXUAL COLORATION	802901	GUT CONTENTS	800129
	NUPTIAL TUBERCLES	802901		800543
	BARBUS NEEFI REDESCRIPTION	802901	REPRODUCTION	801554
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	BARBUS RAPAX INVALIDATION	802901	BRAIN	
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	BARBUS SARANA AXIAL SKELETAL MUSCLES		PROTEIN SYNTHESIS	
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	RED MUSCLES		BIOCHEMISTRY	801408
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	BIOCHEMISTRY		OPTIC NERVE	800845
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	BARBUS SEMIFASCIOLATUS X BARBUS NIGROFASCIATUS X ARTIFICIAL HYBRIDIZATION	800183	DEVELOPMENT	
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	BARBUS TRIMACULATUS FECUNDITY	801217	YOLK	
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FUNCTION		AURAL SENSITIVITY AND ACUITY	801774	CAMPOSTOMA
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TEMPERATURE	800380	FUNCTION	800967	
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FUNCTION	800292	FUNCTION	800789	
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HISTOLOGY	800165	EFFECT ON FISH	800357	
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FUNCTION	803287	EFFECT ON FISH	800357	
LATERAL LINE				

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CARASSIUS LANGSDORFII		RED MUSCLES		(CONTINUED)
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CATLA CATLA		BIOCHEMISTRY		
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ANESTHETICS		OVARY		
EFFECT ON FISH	800615	BIOCHEMISTRY		
ALGAE		SEASONAL CHANGES	801326	
AS FOOD FOR FISH	802278	TESTIS		
DISTRIBUTION	803293	BIOCHEMISTRY		
FEEDING	803293	SEASONAL CHANGES	801326	
REPRODUCTION	803293	TRANSPORTATION	800615	
INFECTIOUS AND PARASITIC DISORDERS	803293	ANESTHETICS		
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FRY	801873	REPRODUCTIVE SEASON	801326	
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MIOCENE	803299	CIRRINUS CHAUDHRYI		
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ORAL TEETH	803203	MORPHOMETRICS	802530	
CHELA CACHIUS		CTENOPHARYNGODON IDELLA		
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CHELA COERULEOSTIGMATA		GONADOTROPIN	801611	
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CHELA DADYBURJORI		HISTOLOGY	801593	
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CHELA LAUBUCA		DEVELOPMENT	802043	
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CHELA MAASSI		HISTOLOGY		
ORAL TEETH	803203	BIOCHEMISTRY	801593	
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CHELA MOUHOTI		LARVA		
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MERISTICS	801897	REJECTION AS FOOD	801328	
RATE OF GROWTH	802947	AS FOOD FOR FISH	802278	
ALLOMETRY		TREMATODA		
MOUTH	803198	INTENSITY OF INFECTION	801212	
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CHROSOMUS ERYTHROGASTER		HOST PARASITE INTERACTIONS	802094	
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CYPRINUS CARPIO	ARTIFICIAL HYBRIDIZATION	800046	NUCLEUS PREOPTICUS	
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	CALCIUM	803476	EFFECT ON FISH	
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	RNA CONTENT AND FUNCTION	802889	ERYTHROCYTES	
	PROTEIN SPECIFICITY		SEASONAL CHANGES	800908
	GONADOTROPIN	801611	LEUCOCYTES	800740
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	GONADOTROPIN	803457	DEVELOPMENT	800740
	COMPARATIVE ENZYMOLOGY	800805	HEMOGLOBIN	801999
	NITROGEN METABOLISM	801144	INFRASPECIFIC VARIATION	802841
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	MYODOME		BIOCHEMISTRY	
	ANATOMY	800203	RENIN	801338
	BONE		JUXTAGLOMERULAR APPARATUS	
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	BIOCHEMISTRY	801973		800043
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	HISTOLOGY	803183	VITAMIN B12	803230
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	MORPHOMETRICS	801345	MERISTICS	802265
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	NOTROPIS HYPHILEPIS		SUBSPECIES	802720
	IDENTIFYING CHARACTERS	802259	MERISTICS	802720
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	NEW SPECIES	802050	GEOGRAPHIC VARIATION	802720
	MERISTICS	802050	PHOXINUS PHOXINUS	
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	NOTROPIS MARALESI		HISTOLOGY	
	BARBELS	802050	SEASONAL CHANGES	803489
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REPRODUCTIVE SEASON	803295	CAUDAL SKELETON		
SEASONAL ABUNDANCE	802506	ANATOMY		
SOUND PRODUCTION	800411	DESCRIPTIVE EVOLUTION	802680	
SEASONAL CHANGES	803295	GEPHYROGLANIS SCLATERI		
OSTEOGENEOSUS MILITARIS		IDENTIFYING CHARACTERS	802689	
REDESCRIPTION	802036	DISTRIBUTION	800938	
SYNONYMY	802036	HETEROBAGRUS	802689	
FISHERY STATISTICS	800443	RELATIONSHIPS	802896	
TACHYSURUS DUSSUMIERI		REDESCRIPTION	802896	
ALBINISM	801938	SYNONYMY	802896	
FISHERY STATISTICS	800443	DISTRIBUTION	802896	
FISH KILL	800446	HETEROBAGRUS BOCOURTI		
TACHYSURUS SONA		RELATIONSHIPS	802896	
RATE OF GROWTH	803421	REDESCRIPTION	802896	
TACHYSURUS THALASSINUS		SYNONYMY	802896	
FISHERY STATISTICS	800443	DISTRIBUTION	802896	
FISH KILL	800446	LEIOCASSIS		
		RELATIONSHIPS	802896	
		SYNONYMY	802896	
		KEY	802896	
		DISTRIBUTION	802896	
AUCHENIPTERIDAE		LEIOCASSIS POECILOPTERUS		
CENTROMOCHLUS INTERMEDIUS		PERMANENT SEXUAL COLORATION	802896	
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TRACHYCORYSTES		CILIATA		
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DISTRIBUTION	801041	IDENTIFYING CHARACTERS	802689	
		DISTRIBUTION	802689	
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		HYOID ARCH	801986	
		BRANCHIOSTEGALS	801986	
		MYSTUS AOR		
		DAMS AND BARRIERS		
		EFFECT ON FISH	802660	
		MYSTUS BLEEKERI		
		COLORATION		
		ABNORMALITY	802940	
		HYOID ARCH	801986	
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		ADRENAL MEDULLA		
		RESERPINE		
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		AXIAL SKELETAL MUSCLES		
		BIOCHEMISTRY		
		CHANGE WITH AGE	803277	
		SEASONAL CHANGES	801327	
		LIVER		
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		SEASONAL CHANGES	801327	
		OVARY		
		BIOCHEMISTRY		
		SEASONAL CHANGES	801327	

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CALlichthyidae	PARASITE SYSTEMATICS	802435	GUT CONTENTS	801041
	REPRODUCTIVE SEASON	801327	REPRODUCTION	800318
CHACIDAE	DAMS AND BARRIERS			802710
	EFFECT ON FISH	802660	CORYDORAS AENEUS	
CLARIIDAE	MYSTUS TENGARA		SKIN	
	CORPORA LUTEA		ULTRASTRUCTURE	800292
	HISTOLOGY		FUNCTION	800292
	FUNCTION	802595	MUCUS GLANDS	
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	NUCLEUS PREOPTICUS		CORYDORAS HASTATUS	
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	KEY	802896	DISTRIBUTION	802530
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	HISTOLOGY	801590	INCIDENCE OF INFECTION	801816
	PELTOBAGRUS VACHELLII		HOT PARASITE INTERACTIONS	801230
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	KEY	802896	ANATOMY	803487
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TO	PARASITE SYSTEMATICS	802876	IMMUNOLOGICAL ANALYSIS	803301
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	PLIOCENE	801354	OXYGEN CONSUMPTION	
	ICTALURUS MELAS		OXIDATIVE METABOLISM	801506
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	BROSIMICULUS IMBERBIS		BIOCHEMISTRY	801802
	GEOGRAPHIC VARIATION	803131	MUCUS	
	BROSIMUS VENUSTUS		BIOCHEMISTRY	802952
	INVALIDATION	802542	VERTEBRAE	
	LIST OF TYPES		ANATOMY	
	ICONOTYPE	802542	PASSIVE ELECTRICAL PROPERTIES	801165
	CILIATA MUSTELA		HISTOLOGY	800628
	EGG	803040	AXIAL SKELETAL MUSCLES	
	DISTRIBUTION		BIOCHEMISTRY	800206
	EGG	803040	PROTEIN CONTENT	
	CILIATA SEPTENTRIONALIS		LIPID AND FATTY ACID CONTENT	802560
	DISTRIBUTION	801246	LIPID AND FATTY ACID CONTENT	802562
	IDENTIFICATION	801246	STRESS REACTIONS	802314
	ELEGINUS GRACILIS		CREATINE KINASE	
	DISTRIBUTION	801029	BIOCHEMISTRY	802610
	ELEGINUS NAVAGA		GLYCOGEN	
	METENCEPHALON		BIOCHEMISTRY	802464
	HISTOLOGY		METENCEPHALON	
	FUNCTION	802245	HISTOLOGY	
	FECUNDITY	801138	FUNCTION	802245
		803186	ACOUSTICOLATERALIS NERVE	
	ADAPTATION		ABNORMALITY	801462
	HABITAT DESTRUCTION	802444	MAUTHNER NEURONE	
	EGG		DEVELOPMENT	801462
	LIPID AND FATTY ACID CONTENT	801138	LATERAL LINE PORES AND CANALS	
		803186	STRUCTURE	800249
	RATE OF GROWTH	801138	ABNORMALITY	801462
	COEFFICIENT OF CONDITION	801138	NEUROENDOCRINE SUBSTANCES	
	SUBZERO WATERS	801138	BIOCHEMISTRY	801306
	DENSITY DEPENDENT REGULATION	803186	VASOTOCIN	
	AGE CLASS DISTRIBUTION	801138	DESCRIPTIVE EVOLUTION	
	FEEDING	801138	BIOCHEMISTRY	801740
	ENCHELYOPUS CIMBRIUS		COPTISOL	
	EGG		BIOCHEMISTRY	801358
	VERTICAL DISTRIBUTION	800559	PANCREATIC ISLETS	
	EOPHYCIS JAMNENSIS		BIOCHEMISTRY	
	NEW SPECIES	802662	RNA CONTENT AND FUNCTION	801170
	NEW GENUS	802662	INSULIN	
	OLIGOCENE	802662	STRUCTURE	800091
	SKELETON		ULTRASTRUCTURE	801749
	ANATOMY	802662	DEVELOPMENT	801171
	GADIDICULUS ARGENTEUS		BLOOD AND LYMPH	
	MERISTICS		BIOCHEMISTRY	
	VERTEBRAE	802007	VITAMIN A	800178
	GADUS		CALCIUM	
	PLEISTOCENE	800934	BIOCHEMISTRY	800177
	GADUS CAPELANUS		BIOCHEMICAL BLOOD CONSTITUENTS	801057
	SYNONYMY	803131	INFRASPECIFIC VARIATION	801950
	MERISTICS		GASTRIC DIGESTION	801950
	VERTEBRAE	802007	INTESTINAL DIGESTION	801950
	GADUS ESMARKII		OVARIAN CYCLES	
	DISTRIBUTION	800703	BIOCHEMISTRY	
		801434	PROTEIN CONTENT	
	GADUS MACROCEPHALUS		EGG	803346
	POPULAR NAMES	800105	BIOCHEMICAL SEX DIFFERENCES	800178
	GENERAL STRUCTURE AND BEHAVIOR	803183	EGG	
	AXIAL SKELETAL MUSCLES		ULTRASTRUCTURE	802252
	GLYCOGEN		DEVELOPMENT	
	BIOCHEMISTRY		MINERAL CONTENT	801945
	STARCH	802465	SERM	
	BRA		BIOCHEMISTRY	
	ANATOMY		INTERMEDIARY METABOLISM	800300
	HISTOLOGY	803183	FUNCTION	800236
	ULTIMOBRANCHIAL BODY		RATE OF GROWTH	801692
	FUNCTION			802300
	THYROCALCITONIN	803211	ECOTYPES	801057
	STOMACH		POLYMORPHISM	
	EXPERIMENTAL ANALYSIS	800920	LDH ISOENZYMES	802929
	YOLK		HEMOGLOBIN	
	DESCRIPTIVE EVOLUTION		SERUM TRANSFERRIN	801057

OTOLITH AGE STUDY	801111	DEVELOPMENT	803499	GADIDAE
BRACKISH ENVIRONMENT	800627	INTESTINAL DIGESTION		(CONTINUED)
MANMADE HABITATS	800627	SEASONAL CHANGES	803496	
TEMPERATURE		PANCREAS		
EFFECT ON FISH		HISTOLOGY	803331	GADUS
DISTRIBUTION	801829	LIVER		TO
SALINITY		HISTOLOGY		MICROGADUS
ACCLIMATION	800352	BIOCHEMISTRY	803331	
BLOOD AND LYMPH	800352	ULTRASTRUCTURE	800640	
URINE	800352	BLADDER		
OVARY	800352	HISTOLOGY		
EFFECT ON FISH		INNERVATION	802230	
EGG		FECUNDITY		
MINERAL CONTENT	801945	CHANGE WITH AGE	803498	
MERCURY		SEXUAL DIMORPHISM		
EFFECT ON FISH		FEEDING	803499	
HEAVY METAL POLLUTANTS	803082	YOLK		
NEMATODA		DEVELOPMENT		
INCIDENCE OF INFECTION	801950	FECUNDITY	803498	
PARASITE LIFE HISTORY	801150	LARVA		
INCIDENCE OF INFECTION		GROSS EXTERNAL ANATOMY		
INTENSITY OF INFECTION	802617	FEEDING		
COPEPODA		DISTRIBUTION WITHIN HABITAT	802495	
PARASITE SYSTEMATICS		ADLBITUM FOOD CAPACITY		
HOST SPECIFICITY		CHANGE WITH AGE	803496	
PARASITE LIFE HISTORY	802551	STARVATION		
TELEOSTEI		EFFECT ON FISH		
AS FOOD FOR FISH	801985	BLOOD AND LYMPH		
DISTRIBUTION	800758	AXIAL SKELETAL MUSCLES	803501	
	801804	ZOOGEOGRAPHY	800929	
POPULATION CHANGES	802300	TRAPPING	802803	
REPRODUCTIVE SEASON	801692	SWAMPS AND MARSHES	801759	
HYDROSTATICS		CILIATA		
EGG	800352	PARASITE SYSTEMATICS	802161	
FEEDING		AS PARASITE	800356	
SEASONAL CHANGES	801985	CESTODA		
GUT CONTENTS	801950	INCIDENCE OF INFECTION		
SEASONAL CHANGES	802489	HOST PARASITE INTERACTIONS	802586	
HOME RANGE AND HOMING	802131	DISTRIBUTION	802244	
MIGRATIONS	801829		803279	
	802131	REDUCTION OF RANGE BY NATURAL MEANS	800246	
REPRODUCTION	802131	REDUCTION OF RANGE BY MAN	800246	
STRESS REACTIONS		POPULATION CHANGES	801756	
BIOCHEMISTRY	802395		802392	
HISTORY OF FISHERIES	800727	REPRODUCTIVE SEASON	802495	
	800758	FEEDING		
	801888	FRY		
	801829	LARVA	802495	
FISHERY DYNAMICS		CHANGE WITH AGE	803499	
HEAVY METAL POLLUTANTS		HABITAT PREFERENCE	803123	
MERCURY			803124	
EXPERIMENTAL ANALYSIS	803082	VERTICAL MIGRATIONS		
MILT STORAGE	802601	CIRCADIAN RHYTHMS	802495	
GADUS MORHUA X		STRESS REACTIONS	801012	
LIMANDA LIMANDA X		HISTORY OF FISHERIES	800719	
FERTILIZATION		FISHING GEAR SELECTIVITY	802803	
ULTRASTRUCTURE	802252	PRODUCTIVITY	802443	
ARTIFICIAL HYBRIDIZATION	802252	COARSE FISH CONTROL	802443	
PLATICHTHYS FLEUS X		EXPLOSIONS UNDERWATER		
FERTILIZATION		EFFECT ON FISH	800986	
ULTRASTRUCTURE	802252	FISH CONTROL AGENTS		
ARTIFICIAL HYBRIDIZATION	802252	ANTIMYCIN		
GADUS OGAC		EFFECT ON FISH	802854	
EYE		MELANOGRAMMUS AEGLEFINUS		
ANATOMY		AXIAL SKELETAL MUSCLES		
CIRCULATORY SYSTEM	800945	MALIC ENZYME		
RETINA		BIOCHEMISTRY	802468	
HISTOLOGY	800945	EYE		
GADUS VIRENS		ANATOMY		
POLYMORPHISM		CIRCULATORY SYSTEM	800945	
LDH ISOENZYMES	802929	RETINA		
DIGENEA		HISTOLOGY	800945	
AS PARASITE	801247	ADRENAL CORTEX	801950	
GAIDROPSARUS MEDITERRANEUS		GASTRIC DIGESTION	801950	
OIL POLLUTANTS		INTESTINAL DIGESTION	801950	
DESCRIPTION AND OCCURRENCE		OVARIAN ENDOCRINE TISSUE	801950	
EFFECT ON FISH	800425	INTERSTITIAL TISSUE	801950	
IDENTIFICATION	801246	GENERAL EMBRYOLOGY		
GAIDROPSARUS TRICERRATUS		TEMPERATURE		
AXIAL SKELETAL MUSCLES		EXPERIMENTAL ANALYSIS		
CREATINE KINASE		SALINITY	802922	
BIOCHEMISTRY	802610	ALLOMETRY		
GAIDROPSARUS VULGARIS		MOUTH	803198	
IDENTIFICATION	801246	SONAR OBSERVATION	801950	
LOTA LOTA		DISTRIBUTION	800758	
IDENTIFYING CHARACTERS	802244		801804	
FAUNAL LIST	800120	FEEDING	803198	
GENERAL STRUCTURE AND BEHAVIOR	803279	COURTSHIP	801950	
LIPID AND FATTY ACID CONTENT		MATING	801950	
LIVER	801153	HISTORY OF FISHERIES	800758	
PESTICIDE CONTENT	802289		801888	
HYOID ARCH	801986	MERLUCCIIUS BILINEARIS		
BRANCHIOSTEGALS	801986	EYE		
NERVOUS ELECTROPHYSIOLOGY	800698	ANATOMY		
NOSE		CIRCULATORY SYSTEM	800945	
FUNCTION	800698	RETINA		
NEUROSECRETION IN BRAIN		HISTOLOGY	800945	
EXPERIMENTAL ANALYSIS		MICROGADUS PROXIMUS		
HISTOLOGY	801012	PLEISTOCENE	800407	
SERUM PROTEINS		VERTICAL DISTRIBUTION	802604	
IODINE		REDUCTION OF RANGE BY NATURAL MEANS	800407	
FUNCTION	802470	COMMUNITY COMPARISONS	802604	
GASTRIC JUICES AND ENZYMES		MICROGADUS TOMCOD		
EXPERIMENTAL ANALYSIS	802490	IDENTIFYING CHARACTERS	802244	
GASTRIC DIGESTION		EYE		
SEASONAL CHANGES	803496	ANATOMY		
EXPERIMENTAL ANALYSIS	802490	CIRCULATORY SYSTEM	800945	
PYLORIC CAECA				



GADIDAE	RETINA		PALEOGADUS SIMIONESCU	
(CONTINUED)	HISTOLOGY	800945	SYNONYMY	802662
	LARVA		OLIGOCENE	802662
	DEVELOPMENT	800277	SKELTON	
MICROGADUS	SALINITY		ANATOMY	802662
TO	EFFECT ON FISH		PHYSIS BLENNOIDES	
TRISOPTERUS	SPERM	800277	MERISTICS	
	DIGENEA		VERTEBRAE	802007
	PARASITE LIFE HISTORY	801255	PHYSICULUS BACCHUS	
	AVES		SYNONYMY	802542
	AS PREDATOR	801255	DISTRIBUTION	800332
	DISTRIBUTION	802244	POLLACHIUS POLLACHIUS	
	REPRODUCTION	800277	SOUND RECEPTION	801950
	MICROMESISTIUS POUTASSOU		BIOCHEMICAL BLOOD CONSTITUENTS	
	SYNONYMY	801982	INFRASPECIFIC VARIATION	801950
	POPULAR NAMES	801982	SONAR OBSERVATION	801950
	MERISTICS	802024	POLLACHIUS VIRENS	
	MORPHOMETRICS	802024	CAUDAL FIN MUSCLES	
	BIOCHEMICAL BLOOD CONSTITUENTS		ANATOMY	802680
	INFRASPECIFIC VARIATION	801950	SAGITTA	
	FECUNDITY	801131	ABNORMALITY	802924
	SEXUALLY DIMORPHIC SIZE	801131	SOUND RECEPTION	801950
		801132	EYE	
		802024	ANATOMY	
	EGG SIZE	801131	CIRCULATORY SYSTEM	800945
	LARVA	803040	RETINA	
	DISTRIBUTION	800997	HISTOLOGY	800945
	DEVELOPMENT	801982	PROLACTIN	
	RATE OF GROWTH	801132	BIOCHEMISTRY	801742
		801133	FUNCTION	
	DISTRIBUTION WITHIN HABITAT		DESCRIPTIVE EVOLUTION	801291
	LARVA	801134	DESCRIPTIVE EVOLUTION	801738
	VERTICAL DISTRIBUTION	801133	OVARIAN CYCLES	802921
	MAXIMUM SIZE	802024	TESTICULAR CYCLES	802921
	SEASONAL CHANGES	802024	SONAR OBSERVATION	801950
	EUPHAUSIACEA		DISTRIBUTION	800758
	AS FOOD FOR FISH	801133	HISTORY OF FISHERIES	800758
	CLUPEIDAE		RHINONEMUS CIMBRIUS	
	CLUPEA HARENGUS		LARVA	803040
	AS FOOD FOR FISH	801133	THERAGRA CHALCOGRAMMUS	
	GADIDAE		GENERAL STRUCTURE AND BEHAVIOR	803183
	GADUS MORHUA		PLEISTOCENE	800407
	AS FOOD FOR FISH	801133	BRAIN	
	MYCTOPHIDAE		ANATOMY	
	MYCOPHUM GLACIALE		HISTOLOGY	803183
	AS FOOD FOR FISH	801133	SAGITTA	800407
	GONOSTOMATIDAE		STOMACH	
	MAUROLICUS MUELLERI		EXPERIMENTAL ANALYSIS	800920
	AS FOOD FOR FISH	801133	VERTICAL DISTRIBUTION	800923
	DISTRIBUTION	800997	EGG	803185
		801130	TEMPERATURE	
		801133	DESCRIPTION AND OCCURRENCE	
		801950	EFFECT ON FISH	
		801982	MIGRATIONS	801100
	LARVA	803040	SALMONIDAE	
	POPULATION STRUCTURE	801982	ONCORHYNCHUS	
	POPULATION DENSITY	801950	AS FOOD FOR FISH	802757
	INTERSPECIFIC COMPETITION	801133	REDUCTION OF RANGE BY NATURAL MEANS	800407
	AGE CLASS DISTRIBUTION	801132	POPULATION DENSITY	
	REPRODUCTIVE SEASON	801133	EGG	803185
		801134	REPRODUCTIVE SEASON	803185
		802024	SCHOOLING	800923
	HYDROSTATICS		FISHERY STATISTICS	801807
	EGG	801131	STANDING CROP	801780
	GUT CONTENTS	802024	TRISOPTERUS	
	REPRODUCTION	801982	KEY	802143
	FISHERIES IMPROVEMENT	801140	TRISOPTERUS ESMARKII	
	MOLVA MOLVA		POPULAR NAMES	802143
	VERTEBRAE		FECUNDITY	801128
	HISTOLOGY	800628		801984
	LARVA	803040	LARVA	
	MOTELLA		DEVELOPMENT	802143
	EGG		RATE OF GROWTH	801127
	DISTRIBUTION WITHIN HABITAT	801570		801128
	ODONTOGADUS MERLANGUS			801130
	GILLS			801984
	ANATOMY		DISTRIBUTION WITHIN HABITAT	
	MERISTICS		EGG	
	SURFACE VOLUME RELATIONSHIP	803029	LARVA	801129
	ARTERIAL SYSTEM		VERTICAL DISTRIBUTION	801127
	GILLS	803029		801129
	VENOUS SYSTEM		MONOGENEA	
	GILLS	803029	DISTRIBUTION	801950
	ALLOMETRY		DISTRIBUTION	801130
	MOUTH	803198		802143
	FEEDING	803198	POPULATIONS	802143
	ONOS		POPULATION CHANGES	801128
	DISTRIBUTION WITHIN HABITAT			801950
	EGG			801984
	LARVA	802688	INTERSPECIFIC COMPETITION	801128
	DISTRIBUTION		AGE CLASS DISTRIBUTION	801127
	LARVA	800972	REPRODUCTIVE SEASON	801115
	ONOS BISCAYENSIS			801129
	SYNONYMY	803131	MIGRATIONS	801127
	ONOS CIMBRIUS		REPRODUCTION	802143
	ION AND WATER RELATIONSHIPS		NATURAL MORTALITY	801984
	EGG	801945	FISHERIES IMPROVEMENT	801140
	SALINITY		TRISOPTERUS LUSCUS	
	EFFECT ON FISH		LARVA	803040
	EGG		DISTRIBUTION	
	MINERAL CONTENT	801945	EGG	803040
	PALEOGADUS		LARVA	803040
	OLIGOCENE	800747	TRISOPTERUS MINUTUS	
	PALEOECOLOGY	800747	LARVA	803040
	PALEOGADUS ABBREVIATUS		DISTRIBUTION	801315
	SYNONYMY	802662		802718
	OLIGOCENE	802662	EGG	803040

LARVA	803040	BATHYPELAGIC ZONE	800590	GADIDAE
UROPHYCIS		TREMATODA		(CONTINUED)
JUXTAGLOMERULAR APPARATUS		PARASITE SYSTEMATICS		
HISTOLOGY		INTENSITY OF INFECTION	800590	
FUNCTION		NEZUMIA STELGIDOLEPIS		TRISOPTERUS
DESCRIPTIVE EVOLUTION	801567	RATE OF GROWTH	801858	TO
UROPHYCIS CHUSS		MAXIMUM SIZE	801858	UROPHYCIS
MOLLUSCA		VERTICAL DISTRIBUTION	801858	
AS SHELTER FOR FISH	803001	FEEDING	801858	MACROURIDAE
UROPHYCIS TENUIS				
EYE				
ANATOMY				
CIRCULATORY SYSTEM	800945			
RETINA		MERLUCCIIDAE		MERLUCCIIDAE
HISTOLOGY	800945	FISHERY STATISTICS	801846	
DISTRIBUTION	800758	MERLANGUS MERLANGUS		
HISTORY OF FISHERIES	800758	PESTICIDE CONTENT	800723	
		DISTRIBUTION	801115	
		INTERSPECIFIC COMPETITION	801128	
		MERLUCCIUS		
		VERTICAL DISTRIBUTION	802408	
		MERLUCCIUS BILINEARIS		
		PROLACTIN		
		FUNCTION		
		DESCRIPTIVE EVOLUTION	801291	
		OVARIAN CYCLES	802484	
		TESTICULAR CYCLES	802484	
		GENERAL EMBRYOLOGY	802484	
		LARVA		
		DEVELOPMENT		
		IDENTIFICATION	802484	
		DISTRIBUTION	800758	
		POPULATION DENSITY	801776	
		INTERSPECIFIC COMPETITION	801123	
		REPRODUCTIVE SEASON	802484	
		MIGRATIONS	802484	
		HISTORY OF FISHERIES	800758	
		STANDING CROP	801776	
		MERLUCCIUS CADENATI		
		IDENTIFYING CHARACTERS	803131	
		MERISTICS	803131	
		SAGITTA		
		DEVELOPMENT	803131	
		GEOGRAPHIC VARIATION	803131	
		SUBLITTORAL ZONE	803131	
		BATHYAL ZONE	803131	
		DISTRIBUTION	803131	
		MERLUCCIUS CAPENSIS		
		EGG		
		ANATOMY	800968	
		SONAR OBSERVATION	801981	
		VERTICAL DISTRIBUTION	801981	
		DISTRIBUTION	801981	
		POPULATION DENSITY	801981	
		MERLUCCIUS INFERUS		
		OLIGOCENE	802662	
		SKELETON		
		ANATOMY	802662	
		MERLUCCIUS MACROACTUS		
		OLIGOCENE	802662	
		SKELETON		
		ANATOMY	802662	
		MERLUCCIUS MERLUCCIUS		
		RELATIONSHIPS	802680	
		IDENTIFYING CHARACTERS	803131	
		MERISTICS	802013	
		CAUDAL SKELETON		
		ANATOMY		
		DESCRIPTIVE EVOLUTION	802680	
		OTOLITHS		
		ANATOMY	802517	
		SAGITTA	803131	
		HERMAPHRODITIC GONADS	800462	
		LARVA	803040	
		GEOGRAPHIC VARIATION	802013	
			803131	
		SUBLITTORAL ZONE	803131	
		BATHYAL ZONE	803131	
		DIGENEA		
		PARASITE SYSTEMATICS	802815	
		DISTRIBUTION	803131	
		SEASONAL ABUNDANCE		
		EGG	803040	
		LARVA	803040	
		FISHERY STATISTICS	800892	
		MERLUCCIUS POLLI		
		OTOLITHS		
		ANATOMY	802517	
		MERLUCCIUS PRODUCTUS		
		PLEISTOCENE	800407	
		HYOID ARCH	801986	
		BRANCHIOSTEGALS	801986	
		SAGITTA	800407	
			802598	
		YOLK		
		DESCRIPTIVE EVOLUTION		
		PROTEIN SPECIFICITY	801821	
		LARVA		
		POPULATION DENSITY	801815	
		INFRASPECIFIC VARIATION	801610	
		DISTRIBUTION WITHIN HABITAT		
		LARVA	801778	
		VERTICAL DISTRIBUTION	801780	
		MAMMALIA		
		AS PREDATOR	802598	
		DISTRIBUTION	801815	
		EGG		
MACROURIDAE				
RELATIONSHIPS	802680			
IDENTIFYING CHARACTERS	801858			
GENERAL STRUCTURE AND BEHAVIOR	803100			
OTOLITHS				
ANATOMY	802517			
SAGITTA	802598			
ZOOGEOGRAPHY	803100			
SUBLITTORAL ZONE	803131			
BATHYAL ZONE	803131			
VERTICAL DISTRIBUTION	802408			
	803060			
BACTERIA				
AS COMMENSAL				
INTESTINE	801654			
DIGENEA				
PARASITE SYSTEMATICS	801457			
MAMMALIA				
AS PREDATOR	802598			
DISTRIBUTION	803131			
CHALINURUS FILIFERA				
BATHYPELAGIC ZONE	800590			
TREMATODA				
PARASITE SYSTEMATICS				
INTENSITY OF INFECTION	800590			
CHALINURUS PECTORALIS				
DIGENEA				
PARASITE SYSTEMATICS	801457			
CHALINURUS SERRULA				
BATHYPELAGIC ZONE	800590			
TREMATODA				
PARASITE SYSTEMATICS				
INTENSITY OF INFECTION	800590			
COELORHYNCHUS				
SAGITTA	802598			
MAMMALIA				
AS PREDATOR	802598			
COELORHYNCHUS AUSTRALIS				
SPOROZOA				
PARASITE SYSTEMATICS	802654			
DISTRIBUTION	800332			
COELORHYNCHUS BRAUERI				
VALIDATION	803368			
VERTICAL DISTRIBUTION	803368			
DISTRIBUTION	803368			
COELORHYNCHUS JAPONICUS				
DISTRIBUTION	803368			
CORYPHAENOIDES ACROLEPIS				
VERTICAL DISTRIBUTION	802604			
MASTIGOPHORA				
INCIDENCE OF INFECTION	800955			
PARASITE LIFE HISTORY	800955			
PARASITE SYSTEMATICS	800955			
COMMUNITY COMPARISONS	802604			
CORYPHAENOIDES PECTORALIS				
VERTICAL DISTRIBUTION	802604			
COMMUNITY COMPARISONS	802604			
HEMIMACRURUS ACROLEPIS				
BATHYPELAGIC ZONE	800590			
TREMATODA				
PARASITE SYSTEMATICS				
INTENSITY OF INFECTION	800590			
DIGENEA				
PARASITE SYSTEMATICS	801457			
HYMENOCEPHALUS ITALICUS				
CAUDAL SKELETON				
ANATOMY				
DESCRIPTIVE EVOLUTION	802680			
MACROURUS BAIRDII				
HYOID ARCH	801986			
BRANCHIOSTEGALS	801986			
MACRUROPLUS ORI				
NEW SPECIES	803368			
RELATIONSHIPS	803368			
VERTICAL DISTRIBUTION	803368			
MACRUROPLUS POLYLEPIS				
DISTRIBUTION	803368			
MACRUROPLUS SERRATUS				
IDENTIFYING CHARACTERS	803131			
SYNONYMY	803131			
MALACOCEPHALUS LAEVIS				
RELATIONSHIPS	803368			
DISTRIBUTION	803368			
NEMATONURUS ARMATUS				
VERTICAL DISTRIBUTION	801084			
NEMATONURUS LONGIFILIS				





MAXIMUM SIZE	801858	LARVA	802793	OPHIIDAE
VERTICAL DISTRIBUTION	801858	VERTICAL DISTRIBUTION	802793	(CONTINUED)
MAMMALIA		DISTRIBUTION	802793	
AS PREDATOR	802598	RHIGOPHILA DEARBORNI		ZOARCIDAE
PARABASSOGIGAS CRASSUS		SKIN		
STRUCTURAL COLORS		BIOCHEMISTRY		
BIOCHEMISTRY		PASSIVE THERMAL PROPERTIES	803288	
FUNCTION		DIGENEA		GOBIESOCIFORMES
SKIN	801764	PARASITE SYSTEMATICS	803274	
VERTICAL DISTRIBUTION	801084	SELACHOPHIDIUM GUENTHERI		LOPHIIFORMES
RISSOLA MARGINATA		BACTERIA		
MIGRATIONS	802188	AS COMMENSAL		ANTENNARIIDAE
SARCOCARA NIGRIPINNIS		INTESTINE	801654	
RELATIONSHIPS	803368	ZOARCES VIVIPARUS		
REDESCRIPTION	803368	OTOLITHS		
VERTICAL DISTRIBUTION	803368	ANATOMY	802517	
DISTRIBUTION	803368	CORPORA LUTEA		
SELACHOPHIDIUM GUENTHERI		FUNCTION		
DISTRIBUTION	803368	DEVELOPMENT	803328	
STYGNOBROTULA LATEBRICOLA		VIVIPARITY	803328	
TERRITORIALITY	801949	PENIS	803328	
		GENERAL EMBRYOLOGY	803328	
		EMBRYO PHYSIOLOGY	803328	
		FEEDING		
		BREATHING	803328	
		EMBRYO BEHAVIOR	800270	
		WATER PRESSURE		
		EFFECT ON FISH	802232	
		HEART	802907	
		REPRODUCTIVE SEASON	800270	
<b>ZOARCIDAE</b>				
RELATIONSHIPS	803019	<b>GOBIESOCIFORMES</b>		
	803100	RELATIONSHIPS	801986	
GENERAL STRUCTURE AND BEHAVIOR	803100		802680	
PELVIC FINS	803100	IDENTIFYING CHARACTERS	803019	
ANATOMY		KEY	801949	
FUNCTION	803019	GENERAL STRUCTURE AND BEHAVIOR	801949	
OXYGEN CONSUMPTION	803100	CAUDAL SKELETON	801270	
DORSAL FIN SKELETON	803019	ANATOMY		
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SKULL	803019	DISTRIBUTION WITHIN HABITAT	801949	
NOSE	803019	DISTRIBUTION	801949	
ANATOMY	803019	HABITAT PREFERENCE	801917	
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METABOLIC RATE	803098	FEEDING	801917	
VERTICAL DISTRIBUTION	802604	GUT CONTENTS	801917	
COMMUNITY COMPARISONS	802604	DIPLECOGASTER	801917	
BOTHROCARA BRUNNEUM		SUCKERS		
IDENTIFYING CHARACTERS	801858	FUNCTION	800997	
WEIGHT LENGTH RELATIONSHIP	801858	GOBIESOX EUGRAMMUS		
VERTICAL DISTRIBUTION	801858	RELATIONSHIPS	800996	
FEEDING	801858	MERISTICS	800996	
LEUCOBROTULA		MORPHOMETRICS	800996	
RELATIONSHIPS	802793	COLOR CHANGE	800996	
REDEFINITION	802793	GEOGRAPHIC VARIATION	800996	
LEUCOBROTULA ADIPATUS		BRANCHIOPODA		
REDESCRIPTION	802793	AS FOOD FOR FISH	800996	
SYNONYMY	802793	ISOPODA		
VIVIPARITY	802793	AS FOOD FOR FISH	800996	
FEMALE GENITAL PAPILLA	802793	ECHINODERMATA		
LYCENCHELYS ARATRIROSTRIS		AS SHELTER FOR FISH	800996	
NEW SPECIES	803155	DISTRIBUTION	800996	
RELATIONSHIPS	803155	ACTIVITY PATTERNS	800996	
VERTICAL DISTRIBUTION	803155	DESCRIPTION AND OCCURRENCE	800996	
LYCENCHELYS BELLINGSHAUSENI		GOBIESOX MAEANDRICUS		
NEW SPECIES	803155	HYOID ARCH	801986	
RELATIONSHIPS	803155	BRANCHIOSTEGALS	801986	
VERTICAL DISTRIBUTION	803155	LATERAL LINE PORES AND CANALS		
LYCODES		STRUCTURE	800249	
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ANATOMY		GOBIESOX STRUMOSUS		
CIRCULATORY SYSTEM	800945	SEASONAL ABUNDANCE	802506	
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LYCODES ESMARKI		VERTEBRAE		
OTOLITHS		ANATOMY	802219	
ANATOMY	802517	HEAD MUSCLES		
LYCODES RETICULATUS		ANATOMY		
JUXTAGLOMERULAR APPARATUS		FUNCTION	802219	
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FUNCTION		AS SHELTER FOR FISH	802219	
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LYCODES VAHLI		IDENTIFYING CHARACTERS	801917	
OTOLITH AGE STUDY	802249	INFRASPECIFIC VARIATION		
LYCODES VAHLII		COLORATION	801917	
OTOLITHS		DISTRIBUTION	801917	
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LYCOPSIS PACIFICA		NEW SPECIES	803068	
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SAGITTA	800407	DISTRIBUTION	803068	
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EYE		<b>ANTENNARIIDAE</b>		
ANATOMY		RELATIONSHIPS	802680	
CIRCULATORY SYSTEM	800945	IDENTIFYING CHARACTERS	801917	
RETINA		KEY	801949	
HISTOLOGY	800945	DISTRIBUTION WITHIN HABITAT	801949	
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PARABROTULA DENTIENS				
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PARABROTULA PLAGIOPHTHALMUS				
REDESCRIPTION	802793			
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MERISTICS	802793			
MORPHOMETRICS	802793			
VIVIPARITY	802793			
PENIS	802793			

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CAULOPHRYNIDAE	GROSS EXTERNAL ANATOMY DISTRIBUTION ANTENNARIUS DROMBUS	800439 800439		
CERATIIDAE	HYOID ARCH BRANCHIOSTEGALS ANTENNARIUS MULTIOCELLATUS	801986 801986		
CHAUNACIDAE	IDENTIFYING CHARACTERS DISTRIBUTION ANTENNARIUS OCCIDENTALIS	801917 801917	LOPHIIDAE RELATIONSHIPS	801986 802680
GIGANTACTINIDAE	IDENTIFYING CHARACTERS SYNONYMY SUBLITTORAL ZONE DISTRIBUTION	803131 803131 803131 803131	SUBLITTORAL ZONE BATHYAL ZONE DISTRIBUTION CHIROLOPHIUS FORBESII	803131 803131 803131 801986
HIMANTOLOPHIDAE	ANTENNARIUS PICTUS REDESCRIPTION SYNONYMY ANTENNARIUS SCABER	800394 800394	CHIROLOPHIUS KEMPI IDENTIFYING CHARACTERS CHIROLOPHIUS SPILURUS	801986 801986 801858
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MELANOCETIDAE	ECHINOPHRYNE GLAUERTI DISTRIBUTION FOWLERICHTHYS SENEGALENSIS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION	802054 802680	LOPHIOMIUS CAULINARIS IDENTIFYING CHARACTERS LOPHIUS SYNONYMY PLEISTOCENE	801858 801858 803131 800934
OGCOCEPHALIDAE	HISTRIO HISTRIO SYNONYMY GENERAL STRUCTURE AND BEHAVIOR  BRAIN ANATOMY HISTOLOGY SARGASSUM ENVIRONMENT DISTRIBUTION SEASONAL ABUNDANCE PHRYNELOX ZEBRINUS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION	800394 801828 803183  803183 801425 800394 802506  802680	LOPHIUS AMERICANUS NERVOUS ELECTROPHYSIOLOGY LATERAL LINE PORES AND CANALS STRUCTURE NEUROHYPOPHYSIS FUNCTION JUXTAGLOMERULAR APPARATUS HISTOLOGY FUNCTION DESCRIPTIVE EVOLUTION POPULATION DENSITY STANDING CROP LOPHIUS LITULON GENERAL STRUCTURE AND BEHAVIOR BRAIN ANATOMY HISTOLOGY STOMACH EXPERIMENTAL ANALYSIS KIDNEY BIOCHEMISTRY RENIN AGLOMERULAR KIDNEY JUXTAGLOMERULAR APPARATUS HISTOLOGY FEEDING LOPHIUS PISCATORIUS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION HYOID ARCH BRANCHIOSTEGALS MYODOME ANATOMY FUNCTION EYE MUSCLES ANATOMY FUNCTION OTOLITHS ANATOMY PANCREATIC ISLETS HISTOLOGY INSULIN BIOCHEMISTRY LARVA DIGenea PARASITE SYSTEMATICS	800804 800249 800804  801567 801776 801776 803183  803183 800920  801338 801338 801590 801590 800920 802680 801986 801986  801898  802517 800774 800774 803040 802434 802815
	CAULOPHRYNIDAE CAULOPHRYNE JORDANI IDENTIFYING CHARACTERS MAXIMUM SIZE VERTICAL DISTRIBUTION	801858 801858 801858		
	CERATIIDAE CRYPTOSARUS COUESII IDENTIFYING CHARACTERS MAXIMUM SIZE	801858 801858		
	CHAUNACIDAE CHAUNAX FIMBRIATUS BACTERIA AS COMMENSAL INTESTINE CHAUNAX PICTUS OTOLITHS ANATOMY BATHYAL ZONE VERTICAL DISTRIBUTION DISTRIBUTION	801654  802517 803131 802408 803131 803358		
	GIGANTACTINIDAE MOLLUSCA AS FOOD FOR FISH TELEOSTEI AS FOOD FOR FISH GIGANTACTIS MACRONEMA IDENTIFYING CHARACTERS LIFE SPAN MAXIMUM SIZE	801858 801858 801858 801858 801858	MELANOCETIDAE MELANOCETUS JOHNSONII IDENTIFYING CHARACTERS MAXIMUM SIZE MELANOCETUS MURRAYI LUMINESCENT ORGANS ANATOMY ULTRASTRUCTURE BACTERIA AS SYMBIONT OF FISH	801858 801858 801858 802196 802196
	HIMANTOLOPHIDAE HIMANTOLOPHUS GROENLANDICUS GROSS EXTERNAL ANATOMY DISTRIBUTION PARONEIRODES WEDLI BATHYAL ZONE DISTRIBUTION	801653 801653 803131 803131	OGCOCEPHALIDAE DIBRANCHIUS ATLANTICUS SKIN BIOCHEMISTRY LUMINESCENT ORGANS BATHYAL ZONE VERTICAL DISTRIBUTION DISTRIBUTION HALIEUTICHTHYS ACULEATUS	802127 803131 802408 803131
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IDENTIFYING CHARACTERS	801949	PROTACANTHOPTERYGII		OGCOEPHALIDAE
DISTRIBUTION WITHIN HABITAT	801949	ENCHODUS FAUJASI		(CONTINUED)
DISTRIBUTION	801949	RELATIONSHIPS	800602	
MALTHOPSIS		CRETACEOUS	800602	
BACTERIA		JAWS		ONEIRODIDAE
AS COMMENSAL		ANATOMY	800602	
INTESTINE	801654	SKULL		
OGCOEPHALUS DARWINI		ANATOMY	800602	PERCOPSIFORMES
BRANCHIOSTEGALS	801986			
OGCOEPHALUS NASUTUS				
IDENTIFYING CHARACTERS	801917			AMBLYOPSIDAE
	801949			
DISTRIBUTION WITHIN HABITAT	801949	CETOMIMIFORMES		
DISTRIBUTION	801917	RELATIONSHIPS	801986	APHREDODERIDAE
	801949			
GUT CONTENTS	801917			PERCOPSIDAE
HABITAT PREFERENCE	801917			
OGCOEPHALUS RADIATUS				
IDENTIFYING CHARACTERS	801949	ATELEOPODIDAE		
DISTRIBUTION WITHIN HABITAT	801949	RELATIONSHIPS	801986	PROTACANTHOPTERYGII
DISTRIBUTION	801949	ATELEOPUS NATALENSIS		
ZALIEUTES ELATER		HYOID ARCH	801986	
IDENTIFYING CHARACTERS	801858	BRANCHIOSTEGALS	801986	CETOMIMIFORMES
HYOID ARCH	801986	IJIMAIA ANTILLARUM		
BRANCHIOSTEGALS	801986	BRANCHIOSTEGALS	801986	
LIFE SPAN	801858	MELANOGLAEA VENTRALIS		ATELEOPODIDAE
DISTRIBUTION	801858	BATHYAL ZONE	803131	
FEEDING	801858	DISTRIBUTION	803131	BARBOURISIIDAE
				CETOMIMIDAE
ONEIRODIDAE		BARBOURISIIDAE		
IDENTIFYING CHARACTERS	801858	BARBOURISIA RUFA		
CRUSTACEA		GROSS EXTERNAL ANATOMY	802456	GIGANTURIDAE
AS FOOD FOR FISH	801858	HYOID ARCH	801986	
ONEIRODES ACANTHIAS		BRANCHIOSTEGALS	801986	
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WEIGHT LENGTH RELATIONSHIP	801858	VERTICAL DISTRIBUTION	803060	
VERTICAL DISTRIBUTION	801858	DISTRIBUTION	802456	CTENOTHRISIFORMES
	801858		803060	
				GONORYNCHIFORMES
PERCOPSIFORMES		CETOMIMIDAE		
RELATIONSHIPS	801986	IDENTIFYING CHARACTERS	801858	CHANIDAE
		VERTICAL DISTRIBUTION	801858	
		CRUSTACEA		
		AS FOOD FOR FISH	801858	
AMBLYOPSIDAE		GIGANTURIDAE		
COLLECTING FISH	800751	BATHYLEPTUS LISAE		
	800887	IDENTIFYING CHARACTERS	801858	
CHOLOGASTER AGASSIZI		RATE OF GROWTH	801858	
BRANCHIOSTEGALS	801986	MAXIMUM SIZE	801858	
DARKNESS		DISTRIBUTION	801858	
EXPERIMENTAL ANALYSIS				
NAIVE RESPONSES TO STIMULI	802776			
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EXPERIMENTAL ANALYSIS				
NAIVE RESPONSES TO STIMULI	802776			
CESTODA				
PARASITE SYSTEMATICS	803273	RONDELETIIDAE		
TYPHLICHTHYS		RONDELETIA LORICATA		
DISTRIBUTION	802716	IDENTIFYING CHARACTERS	801858	
TYPHLICHTHYS SUBTERRANEUS		HYOID ARCH	801986	
HYOID ARCH	801986	BRANCHIOSTEGALS	801986	
BRANCHIOSTEGALS	801986	RATE OF GROWTH	801858	
DISTRIBUTION	802259	VERTICAL DISTRIBUTION	801858	
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APHREDODERUS SAYANUS		RELATIONSHIPS	801386	
HYOID ARCH	801986	CRETACEOUS	801386	
BRANCHIOSTEGALS	801986	CAUDAL SKELETON		
DISTRIBUTION	802259	ANATOMY		
POPULATION CHANGES		DESCRIPTIVE EVOLUTION	801386	
HABITAT EUTROPHICATION	802980			
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PERCOPSIS OMISCOMAYCUS		RELATIONSHIPS	801986	
IDENTIFYING CHARACTERS	802244			
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LIPID AND FATTY ACID CONTENT	801398	CHANIDAE		
PESTICIDE CONTENT		CHANOS CHANOS		
DDT		RELATIONSHIPS	802680	
DIELDRIN	801398	SYNONYMY	802542	
HYOID ARCH	801986	CAUDAL SKELETON		
BRANCHIOSTEGALS	801986	ANATOMY		
LATERAL LINE PORES AND CANALS		DESCRIPTIVE EVOLUTION	802680	
STRUCTURE	800249	HYOID ARCH	801986	
OUTDOOR CENSUS AND SAMPLING	802378	BRANCHIOSTEGALS	801986	
DISTRIBUTION	802244	ADENOHYPOPHYSIS		
POPULATION DENSITY	802378	HISTOLOGY		
REPRODUCTIVE SEASON	802244	DESCRIPTIVE EVOLUTION	803414	
HABITAT PREFERENCE	802244	LITTORAL ZONE		
EXPLOSIONS UNDERWATER		FISH CULTURAL METHODOLOGY	802278	
EFFECT ON FISH	800986	ALGAE		
		AS FOOD FOR FISH	802278	



CHANIDAE (CONTINUED)	ISOPODA AS PARASITE INSTRUMENTAL CONDITIONING FISH CULTURE FISH CULTURAL METHODOLOGY ARTIFICIAL POPULATION MANIPULATION	801948 801402 802649 802529 800053	ALEPOCEPHALUS MACROPTERUS GILL ARCHES ANATOMY ALEPOCEPHALUS ROSTRATUS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION BATHYAL ZONE DISTRIBUTION ALEPOCEPHALUS TENEBROSUS RATE OF GROWTH WEIGHT LENGTH RELATIONSHIP MAXIMUM SIZE BATHYROOTES ROSTRATUS HYOID ARCH BRANCHIOSTEGALS SAGAMICHTHYS ABEI PHOTOPHORES DEVELOPMENT RATE OF GROWTH MAXIMUM SIZE VERTICAL MIGRATIONS TALISMANIA BIFURCATA HYOID ARCH BRANCHIOSTEGALS XENODERMICHTHYS SOCIALIS BATHYAL ZONE DISTRIBUTION	803396     802680 803131 803131  801858 801858 801858  801986 801986   801858 801858 801858 801858  801986 801986  803131 803131
GONORYNCHIDAE	DASTILBE ELONGATUS CRETACEOUS PALEOECOLOGY LEUCISCUS SALMONEUS INVALIDATION LIST OF TYPES ICONOTYPE	802587 802587  802542  802542		
KNERIIDAE	THARRHIAS ARARIPIS CRETACEOUS PALEOECOLOGY	802587 802587		
PHRACTOLAEMIDAE	THARRHIAS ROCHAE CRETACEOUS PALEOECOLOGY	802587 802587		
SALMONIFORMES				
ALEPOCEPHALOIDEI				
ARGENTINIDAE				
	GONORYNCHIDAE RELATIONSHIPS GONORYNCHUS GONORYNCHUS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION HYOID ARCH BRANCHIOSTEGALS DISTRIBUTION	802680    802680 801986 801986 800332		
	KNERIIDAE RELATIONSHIPS GROMERIA NILOTICA CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION GRASSEICHTHYS GABONENSIS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION ADENOHYPOPHYSIS HISTOLOGY DESCRIPTIVE EVOLUTION KNERIA HYOID ARCH BRANCHIOSTEGALS ADENOHYPOPHYSIS HISTOLOGY DESCRIPTIVE EVOLUTION KNERIA AURICULATA IDENTIFYING CHARACTERS SEXUAL DIMORPHISM DISTRIBUTION KNERIA MAYDELLI RELATIONSHIPS PHEROMONE GLANDS	802680    802680  802680  803414  801986 801986  803414  802689 802689 802689  801648 801648		
	PHRACTOLAEMIDAE PHRACTOLAEMUS ANSORGEI RELATIONSHIPS  PHEROMONE GLANDS CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION HYOID ARCH BRANCHIOSTEGALS ADENOHYPOPHYSIS HISTOLOGY DESCRIPTIVE EVOLUTION	801648 802680 801648  802680 801986 801986  803414		
	ALEPOCEPHALOIDEI RELATIONSHIPS  IDENTIFYING CHARACTERS EYE ANATOMY MAXIMUM SIZE VERTICAL DISTRIBUTION CRUSTACEA AS FOOD FOR FISH DISTRIBUTION FEEDING ALEPOCEPHALUS CAUDAL SKELETON ANATOMY ABNORMALITY ALEPOCEPHALUS BAIRDII OTOLITHS ANATOMY ALEPOCEPHALUS CONVEXIFRONS VERTICAL DISTRIBUTION COMMUNITY COMPARISONS	801576 801577 801986 802680 801858  801576 801858 801858  801858 801858  800520 800520  802517  802604 802604		
			ARGENTINIDAE IDENTIFYING CHARACTERS VERTICAL DISTRIBUTION DEEP SCATTERING LAYER VERTICAL MIGRATIONS ARGENTINA ELONGATA DISTRIBUTION ARGENTINA LEIOGLOSSA SYNONYMY GILL RAKERS SUBLITTORAL ZONE BATHYAL ZONE DISTRIBUTION ARGENTINA SEMIFASCIATA GENERAL STRUCTURE AND BEHAVIOR BRAIN ANATOMY HISTOLOGY ARGENTINA SIALIS SAGITTA RATE OF GROWTH MAXIMUM SIZE VERTICAL DISTRIBUTION CRUSTACEA AS FOOD FOR FISH MAMMALIA AS PREDATOR SCORPAENIDAE SEBASTODES AS PREDATOR DISTRIBUTION REPRODUCTIVE SEASON ARGENTINA SILUS MERISTICS  LDH ISOENZYMES HYOID ARCH BRANCHIOSTEGALS OTOLITHS ANATOMY FECUNDITY  RATE OF GROWTH  WEIGHT LENGTH RELATIONSHIP COEFFICIENT OF CONDITION GEOGRAPHIC VARIATION  OTOLITH AGE STUDY VERTICAL DISTRIBUTION TEMPERATURE EFFECT ON FISH DISTRIBUTION EUPHAUSIACEA AS FOOD FOR FISH DISTRIBUTION POPULATION STRUCTURE  POPULATION DENSITY INTERSPECIFIC COMPETITION AGE CLASS DISTRIBUTION REPRODUCTIVE SEASON  GUT CONTENTS STANDING CRCP FISHERIES IMPROVEMENT ARGENTINA SPHYRAENA MERISTICS VERTEBRAE OTOLITHS ANATOMY GILL RAKERS	801858 802296 802296 802296  800332  803131 803131 803131 803131 803131  803183  803183  802598 801858 801858 801858  801858 801858 801858  801124 801125 801565 801986 801986  802517 801123 801124 801125 801123 801124 801125 801123 801124 801125 801124 801125 802249 801124  801124  801125 801248 801124 801125 801776 801123 801125 801124 801125  801125 801776 801140  802007  802517 803131

LARVA	803040	MERISTICS	801577	ARGENTINIDAE
SUBLITTORAL ZONE	803131	MORPHOMETRICS	801577	(CONTINUED)
BATHYAL ZONE	803131	AXIAL SKELETON	801577	
DISTRIBUTION	803131	CAUDAL SKELETON		
REPRODUCTIVE SEASON	803040	ANATOMY	801577	BATHYLAGIDAE
GLOSSANODON		PECTORAL GIRDLE	801577	
GROSS EXTERNAL ANATOMY	800747	EYE MUSCLES		
OLIGOCENE	800747	ANATOMY	801576	OPISTHOPROCTIDAE
PALEOECOLOGY	800747	EYE		
SAGITTA	802598	ANATOMY	801576	
MAMMALIA		RETINA		
AS PREDATOR	802598	HISTOLOGY	801576	BATHYLACONOIDEI
GLOSSANODON MUSCULI		FECUNDITY	801577	
OLIGOCENE	802662	TESTIS		
NANSENIA		ANATOMY		ESOCOIDEI
SAGITTA	802598	HISTOLOGY	801577	
MAMMALIA		MAXIMUM SIZE	801858	ESOCIDAE
AS PREDATOR	802598	DISTRIBUTION	801577	
		MACROMASTAX GYMNOS		
		INVALIDATION	801577	
<b>BATHYLAGIDAE</b>				
IDENTIFYING CHARACTERS	801858	<b>ESOCOIDEI</b>		
SEX CHROMOSOMES	800363	RELATIONSHIPS	801986	
BATHYLAGUS				
SAGITTA	802598			
MAMMALIA				
AS PREDATOR	802598			
BATHYLAGUS MILLERI		<b>ESOCIDAE</b>		
HYOID ARCH	801986	RELATIONSHIPS	802680	
BRANCHIOSTEGALS	801986	FAUNAL LIST	800120	
BATHYLAGUS PACIFICUS		SPOROZOA		
WEIGHT LENGTH RELATIONSHIP	801858	AS PARASITE	800544	
VERTICAL DISTRIBUTION	801858	DIGENEA		
CRUSTACEA		AS PARASITE	800544	
AS FOOD FOR FISH	801858	CESTODA		
DISTRIBUTION	801858	AS PARASITE	800544	
REPRODUCTIVE SEASON	801858	ACANTHOCEPHALA		
BATHYLAGUS STILBIUS		AS PARASITE	800544	
MASTIGOPHORA		COPEPODA		
INCIDENCE OF INFECTION	800955	AS PARASITE	800544	
PARASITE LIFE HISTORY	800955	ARTIFICIAL PROPAGATION AND PLANTING	800513	
PARASITE SYSTEMATICS	800955	ESOX		
DIGENEA		ANAL FIN SKELETON		
INCIDENCE OF INFECTION	800955	ANATOMY	800406	
DISTRIBUTION	801815	DESCRIPTIVE EVOLUTION	800406	
VERTICAL MIGRATIONS	801858	REPRODUCTION	801437	
LEUROGLOSSUS CALLORHINI		ESOX AMERICANUS		
IDENTIFYING CHARACTERS		IDENTIFYING CHARACTERS	802244	
LARVA	803494	GENERAL STRUCTURE AND BEHAVIOR	800757	
LEUROGLOSSUS STILBIUS		DISTRIBUTION WITHIN HABITAT	801877	
IDENTIFYING CHARACTERS		DISTRIBUTION	802244	
LARVA	803494		802259	
SUBSPECIES	802438	POPULATION CHANGES		
MERISTICS	802438	HABITAT EUTROPHICATION	802980	
MORPHOMETRICS	802438	FEEDING		
DISTRIBUTION	802438	SEASONAL CHANGES		
		TEMPERATURE	802425	
		STANDING CROP	801877	
<b>OPISTHOPROCTIDAE</b>		ESOX AMERICANUS X		
IDENTIFYING CHARACTERS	801858	ESOX NIGER X		
KEY	803323	NATURAL HYBRIDIZATION	802244	
DOLICHOPTERYX LONGIPES		ESOX LUCIUS		
RATE OF GROWTH	801858	IDENTIFYING CHARACTERS	800697	
WEIGHT LENGTH RELATIONSHIP	801858		802244	
MAXIMUM SIZE	801858	GENERAL STRUCTURE AND BEHAVIOR	803048	
VERTICAL DISTRIBUTION	801858	CAUDAL FIN	801218	
OPISTHOPROCTUS GRIMALDII		DEVELOPMENT		
MORPHOMETRICS	803323	MINERAL CONTENT	802511	
INFRASPECIFIC VARIATION	803323	CALCIUM	803476	
VERTICAL DISTRIBUTION	803323	LIPID AND FATTY ACID CONTENT	801398	
DISTRIBUTION	803323	PESTICIDE CONTENT	801950	
OPISTHOPROCTUS SOLEATUS		DDT		
MORPHOMETRICS	803323	DIELDRIN	801398	
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	EXPERIMENTAL ANALYSIS		MAMMALIA	
	HISTOLOGY	801012	AS PREDATOR	802598
	BLOOD AND LYMPH		CYCLOTHONE	
	GLUCOSE CONTENT	801193	STRUCTURAL COLORS	
LIVER			BIOCHEMISTRY	
	HISTOLOGY		FUNCTION	
	BIOCHEMISTRY	803331	SKIN	801764
	BIOCHEMISTRY		BACTERIA	
	SEASONAL CHANGES	801193	AS COMMENSAL	
FRY			INTESTINE	801654
	DEVELOPMENT	803075	REPRODUCTIVE SEASON	801858
	RATE OF GROWTH	803075	CYCLOTHONE ACCLINIDENS	
	SEX RATIO	803075	RATE OF GROWTH	801858
	DISTRIBUTION	803372	CRUSTACEA	
	POPULATION DENSITY	802255	AS FOOD FOR FISH	801858
	INTERSPECIFIC COMPETITION	801390	DISTRIBUTION	801858
	AGE CLASS DISTRIBUTION	803075	DANAPHOS OCLATUS	
	GUT CONTENTS	803075	LIFE SPAN	801858
	HABITAT PREFERENCE	803075	MAXIMUM SIZE	801858

VERTICAL DISTRIBUTION	801858	MELANOSTOMIATIDAE		GONOSTOMATIDAE	
GONOSTOMA DENUDATUM		IDENTIFYING CHARACTERS	801858	(CONTINUED)	
BATHYAL ZONE	803131	BATHOPHILUS FLEMINGI			
DISTRIBUTION	803131	DIAGNOSIS	800158		
GONOSTOMA ELONGATUM		SYNONYMY	800158	IDIACANTHIDAE	
CAUDAL SKELETON		VALIDATION	800158		
ANATOMY		HYOID ARCH	801986		
DESCRIPTIVE EVOLUTION	802680	BRANCHIOSTEGALS	801986	MALACOSTEIDAE	
ICHTHYOCOCCUS		LIFE SPAN	801858		
SAGITTA	802598	MAXIMUM SIZE	801858		
MAMMALIA		VERTICAL DISTRIBUTION	801858	MELANOSTOMIATIDAE	
AS PREDATOR	802598	CRUSTACEA			
MAUROLICUS JAPONICUS		AS FOOD FOR FISH	801858		
GENERAL STRUCTURE AND BEHAVIOR	803183	DISTRIBUTION	800158	STERNOPTYCHIDAE	
BRAIN		REPRODUCTIVE SEASON	801858		
ANATOMY		BATHOPHILUS INDICUS			
HISTOLOGY	803183	DIAGNOSIS	800158	STOMIATIDAE	
MAUROLICUS MUELLERI		VALIDATION	800158		
CAUDAL SKELETON		DISTRIBUTION	800158		
ANATOMY		MELANOSTOMIAS TENTACULUS			
DESCRIPTIVE EVOLUTION	802680	VERTICAL DISTRIBUTION	803060		
OTOLITHS		DISTRIBUTION	803060		
ANATOMY	802517	PACHYSTOMIAS MICRODON			
SUBLITTORAL ZONE	803131	RELATIONSHIPS	801063		
BATHYAL ZONE	803131	REDESCRIPTION	801063		
DISTRIBUTION WITHIN HABITAT		DISTRIBUTION	801063		
EGG		PHOTONECTES MUNIFICUS			
LARVA	802688	NEW SPECIES	802142		
DISTRIBUTION	802132	RELATIONSHIPS	802142		
	802946	TACTOSTOMA MACROPUS			
	803131	HYOID ARCH	801986		
MAUROLICUS PENNANTI		BRANCHIOSTEGALS	801986		
DISTRIBUTION	801029	VERTICAL DISTRIBUTION	802296		
SCOPELOIDES		DEEP SCATTERING LAYER	802296		
GROSS EXTERNAL ANATOMY	800747	VERTICAL MIGRATIONS	802296		
OLIGOCENE	800747				
PALEOECOLOGY	800747				
SCOPELOIDES GLARISIANUS					
SYNONYMY	802662				
OLIGOCENE	802662	STERNOPTYCHIDAE			
SKELETON		IDENTIFYING CHARACTERS	801858		
ANATOMY	802662	SCOMBRIDAE			
VINCIGUERRIA		THUNNUS ALALUNGA			
GROSS EXTERNAL ANATOMY	800747	AS PREDATOR	801858		
OLIGOCENE	800747	ARGYROPELECUS			
	802662	PHOTOPHORES			
PALEOECOLOGY	800747	FUNCTION	801571		
SKELETON		HYOID ARCH	801986		
ANATOMY	802662	BRANCHIOSTEGALS	801986		
VINCIGUERRIA DISTINCTA		ARGYROPELECUS ACANTHURUS			
MORPHOMETRICS	802662	BATHYAL ZONE	803131		
OLIGOCENE	802662	DISTRIBUTION	803131		
VINCIGUERRIA LUCETIA		ARGYROPELECUS COSMOVICII			
HYOID ARCH	801986	MORPHOMETRICS	802662		
BRANCHIOSTEGALS	801986	OLIGOCENE	802662		
SAGITTA	802598	SKELETON			
DISTRIBUTION WITHIN HABITAT		ANATOMY	802662		
LARVA	801778	ARGYROPELECUS HEMIGYMNUS			
COPEPODA		STRUCTURAL COLORS			
AS PARASITE		BIOCHEMISTRY			
PARASITE SYSTEMATICS	800372	FUNCTION			
MAMMALIA		SKIN	801764		
AS PREDATOR	802598	SUBLITTORAL ZONE	803131		
POPULATION DENSITY	801778	BATHYAL ZONE	803131		
VINCIGUERRIA OBSCURA		DISTRIBUTION	803131		
MORPHOMETRICS	802662	ARGYROPELECUS LYCHNUS			
OLIGOCENE	802662	STRUCTURAL COLORS			
YARELLA CORYTHAEOLEA		BIOCHEMISTRY			
BATHYAL ZONE	803131	FUNCTION			
DISTRIBUTION	803131	SKIN	801764		
		ARGYROPELECUS OLFERSI			
		STRUCTURAL COLORS			
		BIOCHEMISTRY			
		FUNCTION			
		SKIN	801764		
IDIACANTHIDAE		BATHYAL ZONE	803131		
IDIACANTHUS ANTROSTOMUS		DISTRIBUTION	803131		
IDENTIFYING CHARACTERS	801858	ARGYROPELECUS PACIFICUS			
LIFE SPAN	801858	RATE OF GROWTH	801858		
RATE OF GROWTH	801858	MAXIMUM SIZE	801858		
WEIGHT LENGTH RELATIONSHIP	801858	VERTICAL DISTRIBUTION	801858		
MAXIMUM SIZE	801858	CRUSTACEA			
CRUSTACEA		AS FOOD FOR FISH	801858		
AS FOOD FOR FISH	801858	DISTRIBUTION	801858		
TELEOSTEI		POLYIPNUS			
AS FOOD FOR FISH	801858	SAGITTA	802598		
FEEDING	801858	BACTERIA			
IDIACANTHUS FASCIOLA		AS COMMENSAL			
LARVA		INTESTINE	801654		
ANATOMY	800449	MAMMALIA			
IDIACANTHUS NIGER		AS PREDATOR	802598		
DISTRIBUTION	801655	STERNOPTYX DIAPHANA			
		VERTICAL DISTRIBUTION	803060		
		BACTERIA			
		AS COMMENSAL			
		INTESTINE	801654		
MALACOSTEIDAE					
ARISTOSTOMIAS SCINTILLANS		STOMIATIDAE			
IDENTIFYING CHARACTERS	801858	BATHOPHILUS			
HYOID ARCH	801986	RELATIONSHIPS	802215		
BRANCHIOSTEGALS	801986	IDENTIFYING CHARACTERS	802215		
RATE OF GROWTH	801858	KEY	802215		
MAXIMUM SIZE	801858	BATHOPHILUS ABARBATUS			
VERTICAL DISTRIBUTION	801858	NEW SPECIES	802215		
CRUSTACEA					
AS FOOD FOR FISH	801858				
DISTRIBUTION	801858				
REPRODUCTIVE SEASON	801858				

STOMIATIDAE				
(CONTINUED)				
	MERISTICS	802215	BATHOPHILUS NOVICKI	
	MORPHOMETRICS	802215	NEW SPECIES	802215
BATHOPHILUS CHIRONEMA			BATHOPHILUS PAWNEEI	
INVALIDATION		802215	SYNONYMY	802215
BATHOPHILUS CUYANORUM			BATHOPHILUS SCHIZOCHIRUS	
NEW SPECIES	802215		SYNONYMY	802215
MERISTICS	802215		STOMIAS	
MORPHOMETRICS	802215		STRUCTURAL COLORS	
BATHOPHILUS DIGITATUS			BIOCHEMISTRY	
SYNONYMY	802215		FUNCTION	
BATHOPHILUS HOWELLI			SKIN	801764
INVALIDATION	802215		STOMIAS ATRIVENTER	
BATHOPHILUS KINGI			IDENTIFYING CHARACTERS	801858
NEW SPECIES	802215		LIFE SPAN	801858
SYNONYMY	802215		MAXIMUM SIZE	801858
MERISTICS	802215		VERTICAL DISTRIBUTION	801858
MORPHOMETRICS	802215		DISTRIBUTION	801858
BATHOPHILUS LONGIPES			STOMIAS BOA	
INVALIDATION	802215		SUBSPECIES	803131
BATHOPHILUS MELAS			SUBLITTORAL ZONE	803131
INVALIDATION	802215		BATHYAL ZONE	803131
BATHOPHILUS NIGERRIMUS			DISTRIBUTION	803131
BATHYAL ZONE	803131		STOMIAS FEROX	
DISTRIBUTION	803131		LARVA	803040





SYSTEMATICS AND NOMENCLATURE	NEW SPECIES			
	PETROMYZONTOMORPHA			
	MAYOMYZON PIECKOENSIS	803382		
	MORDACIA PRAECOX	801492		
	PTERASPIDIFORMES			
	PSEPHASPIS IDAHOENSIS	801563		
	ACANTHODII			
	ANTARCTONCHUS GLACIALIS	800702		
	GYRACANTHIDES WARRENI	800702		
	ANTIARCHI			
	BOTHRIOLEPIS HAYI	802055		
	BOTHRIOLEPIS HICKLINGI	802055		
	BOTHRIOLEPIS LAVEROCKLOCHENSIS	802055		
	BOTHRIOLEPIS STEVENSONI	802055		
	BOTHRIOLEPIS TAYLORI	802055		
	BOTHRIOLEPIS WILSONI	802055		
	ARCTOLEPIDOMORPHA			
	ANTARCTASPIS MCMURDOENSIS	800702		
	ANTARCTOLEPIS GUNNI	800702		
	HOLONEMA HAITI	801563		
	ELASMOBRANCHII			
	MCMURDODUS FEATHERENSIS	800702		
	RAJIDAE			
	RAJA FRERICHSI	800195		
	RAJA SCHROEDERI	800195		
	CARCHARHINIDAE			
	TRIAKIS ACUTIPINNA	802113		
	TRIAKIS FEHLMANNI	803065		
	HEXANCHIFORMES			
	HEPTRANCHIAS EZOENSIS	801400		
	PRISTIOPHORIDAE			
	PRISTIOPHORUS LINEATUS	801400		
	SQUALIDAE			
	ETMOPTERUS GRACILISPINIS	800195		
	DIPNOI			
	CERATODUS DONENSIS	801624		
	CERATODUS MULTICRISTATUS	801624		
	CERATODUS RECTICRISTATUS	801624		
	URANOLOPHUS WYOMINGENSIS	803072		
	RHIPIDISTIA			
	HYNERIA LINDAE	801073		
	OSTEOLEPIDOMORPHA			
	GYROPTYCHIUS TAYLORI	802057		
	LOHSANIA UTAHENSIS	802359		
	CHONDROSTEI			
	DIALIPINA SALLGUEIROENSIS	800745		
	LIGULALEPIS TOOMBSI	800745		
	AMIO MORPHA			
	AMIA MONTSECHENSIS	801659		
	OPHIOPSIS MONTSECHENSIS	802371		
	UROCLIS OVATUS	801659		
	SYNGNATHIDAE			
	HIPPOSYNGNATHUS NERITICUS	802662		
	BLENNIIDAE			
	BLENNIUS INCOGNITUS	803062		
	Gobiidae			
	BARBULIFER ANTENNATUS	801920		
	BATANGA ANGUSTIFRONS	800173		
	BIAT MAGNUSI	800404		
	COTTOGOBIUS YONGEI	801789		
	ELEOTRIS ANNOBONENSIS	800173		
	GOBIONELLUS SAEPEPALLENS	803088		
	GOBIOSOMA ATRONASUM	801920		
	GOBIOSOMA EVELYNAE	801920		
	GOBIOSOMA GENIE	801920		
	GOBIOSOMA ILLECEBROSUM	801920		
	GOBIOSOMA LOUISAE	801920		
	GOBIOSOMA PROCHILOS	801920		
	GOBIOSOMA RANDALLI	801920		
	GOBIOSOMA TENOX	801920		
	GOBIOSOMA XANTHIPRORA	801920		
	GOBIOUS COPIOSUS	802927		
	GOBIOUS INGENS	802927		
	GOBIOUS PUELLARIS	802927		
	GOBIOUS URBANUS	802927		
	IOGLOSSUS HELENAE	803014		
	KOUMANSIASIS MACROCEPHALUS	800170		
	MICROGOBIUS CROCATUS	802058		
	MICRODESMIDAE			
	GUNNELICHTHYS VIRIDESCENS	802920		
	GUNNELICHTHYS CURIOSUS	802920		
	MICRODESMUS DORSIPUNCTATUS	802197		
	LABRIDAE			
	CHOERODON PESCADOIRESIS	800952		
	CHOERODON QUADRIFASCIATUS	800952		
	HEMIPTERONOTUS CAERULEOPUNCTATUS	800952		
	LEPIDAPLOIS GRANDISQUAMIS	802116		
	APOGONIDAE			
	APOGON ANISOLEPIS	801921		
	APOGON PHENAX	801921		
	APOGON PILLIONATUS	801921		
	APOGON ROBINSI	801921		
	APOGON XENUS	801921		
	CARANGIDAE			
	CARANX CELETUS	803306		
	CARANX WILLIAMSII	803306		
	DECAPTERUS TABL	801766		
	CICHLIDAE			
	CHETIA BREVIS	801793		
	CRENICICHLA JUPIAENSIS	801909		
	PELMATOCHROMIS ROLOFFI	800707		
	TILAPIA CESSIANA	801240		
	TILAPIA WALTERI	801992		
	OWSTONIIDAE			
	SPHENANTHIAS SIMOTERUS	803368		
	PERCIDAE			
	ETHEOSTOMA BELLUM	802192		
	POMACENTRIDAE			
	CHROMIS SCOTTI	800142		
	PSEUDOCROMIDAE			
	PSEUDOCROMIS FRIDMANI	802589		
	SCIAENIDAE			
	CYNOSCION SIMILIS	801391		
	NIBEIA GEMMA	802927		
	OTOLITHUS BABAI	802927		
	OTOLITHUS BELLUS	802927		
	OTOLITHUS CALIDUS	802927		
	BOTHIDAE			
	TRICHOSETTA CARIBBAEA	801053		
	TRICHOSETTA MELASMA	801053		
	TRICHOSETTA ORBISULCUS	801053		
	COTTIDAE			
	COTTUS PYGMAEUS	802115		
	COTTUNCULIDAE			
	COTTUNCULUS GRANULOSUS	801655		
	CYCLOPTERIDAE			
	LIPARIS FISHELSONI	800171		
	PARALIPARIS CALIDUS	802120		
	TRIGLIDAE			
	LEPIDOTRIGLA CAROLAE	801664		
	TRIACANTHODIDAE			
	HOLLARDIA GOSLINEI	801918		
	GRAMMICOLEPIDIDAE			
	DARAMATTUS BARNARDI	803368		
	CYPRINODONTIDAE			
	APHYOSEMION NDIANUM	803391		
	APHYOSEMION SANTSABELLAE	801991		
	APLOCHEILICHTHYS SCHIOTZI	801988		
	CYPRINODON ATRORUS	801477		
	CYPRINODON BIFASCIATUS	801477		
	EPIPLATYS BARMOIENSIS	803391		
	EPIPLATYS ESEKANUS	803391		
	EXOCOETIDAE			
	HEMIRAMPHUS GEORGII	802662		
	HEMIRAMPHUS GORAKHPURENSIS	802530		
	CLUPEIDAE			
	GUDUSIA GODANAHIAI	802530		
	SARDINELLA MARQUESENSIS	803205		
	ENGRAULIDAE			
	COILIA NEGLECTA	801927		
	CONGRIDAE			
	ARIOSOMA SOMALIENSE	800710		
	BATHYMYRUS SMITHI	803308		
	CONGER DURUS	802927		
	DIPLOCONGER POLYSTIGMATUS	800710		
	LEMKEA HETEROLINEA	800710		
	PSEUDOPHICHTHYS MACROPORIS	800710		
	MURAENESOCIDAE			
	HOPLUNNIS PACIFICA	801763		
	MURAENIDAE			
	GYMNOTHORAX SOKOTRENSIS	800710		
	LYCODONTIS WOOLIIENSIS	800394		

NETTASTOMATIDAE		PTERASPIDIIFORMES		SYSTEMATICS AND NOMENCLATURE (CONTINUED)	
NETTASTOMA ELONGATUM		800710	LYKTASPIIS		803392
OPHICHTHIDAE			ACANTHODII		
MYROPHIS LEPTURUS		800710	ANTARCTONCHUS GLACIALIS		800702
VERMA ANSP		803139	ARCTOLEPIDOMORPHA		
XENOCONGRIDAE			ANTARCTASPIIS MCMURDOENSIS		800702
CATESBYA PSEUDOMURAENA		801919	ANTARCTOLEPIS GUNNI		800702
LEPTOLEPIDOMORPHA			ELASMOBRANCHII		
LEPTOLEPIS CRUSAFONTI		802371	MCMURDODUS FEATHERENSIS*		800702
CHARACIDAE			RAJIDAE		
BRYCONOPS INPAI		803311	BATHYRAJA		802126
LADIGESIA ROLOFFI		800109	DIPNOI		
CITHARINIDAE			URANOLOPHUS WYOMINGENSIS		803072
HEMISTICHODUS LOOTENSI		801864	RHIPIDISTIA		
COBITIDAE			HYNERIA LINDAE		801073
NEOEUCIRRHICHTHYS MAYDELLI		800878	OSTEOLEPIDOMORPHA		
NOEMACHEILUS ALTIPEDUNCULATUS		800878	CALLISTIOPTERUS CLAPPI		801953
NOEMACHEILUS RENDAHLI		800878	LOHSANIA UTAHENSIS		802359
CYPRINIDAE			CHONDROSTEI		
ALGANSEA MONTICOLA		803066	DIALIPINA SALLGUEIROENSIS		800745
ANCHERYTHROCULTER BREVIANALIS		803154	LIGULALEPIS TOOMBISI		800745
CIRRHIINUS CHAUDHRUI		802530	AMIO MORPHA		
GOBIOTOTIA INTERMEDIA		803154	AMIIDARUM MAWSONI		801659
LABEO UDAI PURENSIS		803127	PHOLIDOPHOROMORPHA		
NOTROPIS EDWARDRANEYI		801345	MJOLLNIRULUS		801515
NOTROPIS IMELDAE		802050	NYBELINEA		801515
PUNTIVS JOAQUINAE		802135	TJALVICHTHYS		801515
PUNTIVS UMALI		802135	TJALVIS		801515
APTERONOTIDAE			YMIRIS		801515
STERNARCHELLA CURVIOPERCULATA		802591	GOBIIDAE		
BAGRIDAE			GINSBURGELLUS		801920
ZAIREICHTHYS ZONATUS		803015	KOLMANIASIS MACROCEPHALUS		800170
ICTALURIDAE			TRIACANTHIDAE		
ICTALURUS SERRACANTHUS		802119	CRYPTOBALISTES BREVIS		801918
LORICARIIDAE			TRIPODICHTHYS		801918
HYPOSTOMUS CORANTIINI		802883	CLUPEIDAE		
HYPOSTOMUS CRASSICAUDA		802883	PLATANICHTHYS PLATANA		801276
HYPOSTOMUS MICROMACULATUS		802883	CONGRIDAE		
HYPOSTOMUS PAUCIMACULATUS		802883	DIPLOCONGER POLYSTIGMATUS		800710
HYPOSTOMUS PSEUDOHEMIURUS		802883	LEMKEA HETEROLINEA		800710
HYPOSTOMUS SARAMEACCENSIS		802883	XENOCONGRIDAE		
HYPOSTOMUS SIPALIWINII		802883	CATESBYA PSEUDOMURAENA		801919
HYPOSTOMUS SURINAMENSIS		802883	CHARACIDAE		
HYPOSTOMUS TENUIS		802883	LADIGESIA ROLOFFI		800109
HYPOSTOMUS VENTROMACULATUS		802883	COBITIDAE		
MOCHOKIDAE			NEOEUCIRRHICHTHYS		800878
SYNODONTIS RUFIGIENSIS		800708	BAGRIDAE		
TRICHOMYCTERIDAE			ZAIREICHTHYS ZONATUS		803015
TRICHOMYCTERUS CHABERTI		803309	MORMYRIDAE		
MORMYRIDAE			BOULENGEROMYRUS KNOEPFFLERI		801238
BOULENGEROMYRUS KNOEPFFLERI		801238	GADIDAE		
BATRACHOIDIFORMES			EOPHYCIS JAMNENSIS		802662
DAECTOR SCHMITTI		803067			
PORICHTHYS BATHOIKETES		801188			
PORICHTHYS KYMOSEMEUM		801188			
PORICHTHYS OCULOFRENUM		801188			
GADIDAE			NEW FAMILY		
EOPHYCIS JAMNENSIS		802662	ELASMOBRANCHII		
MACROURIDAE			MCMURDODONTIDAE		800702
MACRUROPLUS ORI		803368	PHOLIDOPHOROMORPHA		
ZOARCIDAE			MJOLLNIRULIDAE		801515
LYCENCHELYS ARATRIROSTRIS		803155	NYBELINEIDAE		801515
LYCENCHELYS BELLINGSHAUSENI		803155	TJALVIDAE		801515
GOBIESOCIFORMES			ANABANTOIDEI		
TOMICODON RHABDOTUS		803068	BADIDAE		803012
BATHYLAconoIDEI					
BATHYLACO MACROPHthalmUS		801577			
GALAXIIDAE					
GALAXIAS PARVUS		800987			
GALAXIAS PEDDERENSIS		800987			
MYCTOPHIDAE			NEW NAME		
DIAPHUS MINAX		802060	OPISTOGNATHIDAE		
DIAPHUS SUBTILUS		802060	OPISTOGNATHUS HONGKONGIENSIS		800159
LAMPADENA NOTIALIS		803087			
MELANOSTOMIATIDAE					
PHOTONECTES MUNIFICUS		802142			
STOMIATIDAE					
BATHOPHILUS ABARBATUS		802215			
BATHOPHILUS CWYANORUM		802215	RELATIONSHIPS		803415
BATHOPHILUS KINGI		802215			
BATHOPHILUS NOVICKI		802215			
			LECTOTYPE		
			SCIAENIDAE		
NEW SUBSPECIES			CYNOSCION OBLIQUATUS		801391
PRISTIDAE			LORICARIIDAE		
ISCHYRHIZA MIRA		803036	HYPOSTOMUS ROBINII		802883
SCARIDAE			HYPOSTOMUS VERRIS		802883
NICHOLSINA USTA		803150	PLECOSTOMUS BRAZILIENSIS		802883
CYPRINIDAE					
GOBIOTOTIA INTERMEDIA		803154			
MICROPHYSOGOBIO BREVIROSTRIS		803154			
LORICARIIDAE			NEOTYPE		
HYPOSTOMUS GYMNORHYNCHUS		802883	LAMPRIDIFORMES		
HYPOSTOMUS PSEUDOHEMIURUS		802883	RADIICEPHALUS ELONGATUS		800331
PANGASIIDAE			TRIGLIDAE		
PANGASIUS PANGASIUS		802530	CHELIDONICHTHYS CUCULUS		801664
SALMONIDAE			BELONIDAE		
COREGONUS LAVARETUS		803158	STRONGYLURA TIMUCU		800155
			BAGRIDAE		
			PELTEOBAGRUS VACHELLII		802896
			LORICARIIDAE		
			HYPOSTOMUS GUACARI		802883
NEW GENUS			HYPOSTOMUS PLECOSTOMUS		802883
PETROMYZONTOMORPHA			HYPOSTOMUS WATWATA		802883
MAYOMYZON PIECKOENSIS		803382			



SYSTEMATICS AND NOMENCLATURE (CONTINUED)	CHECK LIST		ACIPENSEROMORPHA TELEOSTEI	801508 801508 802374 801508 802374 802325	803376 803376
STRUCTURE AND FUNCTION	TELEOSTEI				
GROSS EXTERNAL ANATOMY	BIBLIOGRAPHY		NUMERICAL TAXONOMY CHARACIDAE ALESTES		802028
	FAUNAL LIST		GROSS EXTERNAL ANATOMY CAPTIVE VS NATURAL FISH CYPRINIDAE CYPRINUS CARPIO		801551
	GASTEROSTEIDAE	800341			
	PERCIDAE	800341	DEXTRALITY OR SINISTRALITY CYNOGLOSSIDAE CYNOGLOSSUS BILINEATUS		800821
	COTTIDAE	800341	OTOLITHS PLEURONECTIDAE REINHARDTIUS HIPPOGLOSSOIDES		802517
	CATOSTOMIDAE	800341	OVARY TESTIS OSMERIDAE OSMERUS EPERLANUS		802547
	CYPRINIDAE	800341			
	ICTALURIDAE	800341	SCALATION MICRODESMIDAE MICRODESMUS DIPUS		802197
	GADIDAE	800341	MICRODESMUS DORSIPUNCTATUS MUGILOIDEI		800743
	ESOCIDAE	800341	MUGIL AURATUS MUGIL CEPHALUS MUGIL SALIENS		800743
	SALMONIDAE	800341	MULLIDAE MULLUS BARBATUS POMADASYIDAE POMADASYUS GUORACA		800743
			SPARIDAE DIPLODUS ANNULARIS		800743
			HEAD CYPRINODONTIDAE DEVELOPMENT SALMONIDAE COREGONUS AUTUMNALIS		803391
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					802479
			LUMINESCENT ORGANS PEMPHERIDAE PARAPRIACANTHUS PEMPHERIS		802959
			GEOGRAPHIC VARIATION MYCTOPHIDAE CERATOSCOPELUS TOWNSENDI		802816
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			BIOCHEMISTRY APOGONIDAE APOGON ELLIOTI		800872
			PEMPHERIDAE PARAPRIACANTHUS BERYCIFORMES		800872
			SKIN OGCOEPHALIDAE DIBRANCHUS ATLANTICUS		802127
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			ANATOMY INFRASPECIFIC VARIATION MYCTOPHIDAE DIAPHUS		802060
			LOBIANCHIA DOFLEINI LOBIANCHIA GEMELLARI		802060
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	CICHLIDAE				
	PTEROPHYLLUM ALTUM	802666			
	EMMELICHTHYIDAE				
	SMARIS MACROPHthalmus	802666			
	SERRANIDAE				
	PARACENTROPSTIS HETERURUS	802666			
	STROMATEIDAE				
	PARACUBICEPS LEDANOISI	802666			
	MUGILOIDIDAE				
	NEOPERCIS LEDANOISI	802666			
	TRACHINIDAE				
	TRACHINUS PELLEGRINI	802666			
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	MONOLENE MICROSTOMA	802666			
	SCORPAENIDAE				
	SCORPAENA LOPPEI	802666			
	SCORPAENA ELONGATA	802666			
	CYPRINODONTIDAE				
	FUNDULUS SPLENDIDUS	802666			
	ALBULIDAE				
	PTEROTHRISUS BELLOCI	802666			
	ONEIRODIDAE				
	CHAENOPHYRNE INTERMEDIA	802666			
	ONEIRODES THEODORITSIERI	802666			
	ATELEPODIDAE				
	IJIMAIA LOPPEI	802666			
	SYNODONTIDAE				
	SYNODONTIS LOPPEI	802666			
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	DACTYLOPTERIFORMES	801617			
	PEGASIFORMES	801617			
	CONGIPODOIDEI	801617			
	AGONIDAE	801617			
	COTTIDAE	801617			
	CYCLOPTERIDAE	801617			
	HEXAGRAMMIDAE	801617			
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	SCORPAENIDAE	801617			
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	ELASMOBRANCHII	802374			
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	MENIDAE				
	MENE MACULATA	801872			
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	POPULAR NAMES BY LANGUAGE				
	SLAVIC				
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CALCIUM			RAJIDAE		BIOCHEMISTRY
CYPRINIDAE			RAJA LAEVIS	801153	AND GENERAL PHYSIOLOGY
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ESOX LUCIUS	803476		LOTA LOTA	801153	
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SALMONIDAE			SEASONAL CHANGES		
SALMO GAIRDNERII	801264		OSMERIDAE		
			MALLOTUS VILLOSUS	801888	
			EGG		
			GASTEROSTEIDAE		
			GASTEROSTEUS ACULEATUS	802459	
PROTEIN CONTENT			YOUNG		
CHANNIFORMES			SALMONIDAE		
CHANNIA PUNCTATA	800917		ONCORHYNCHUS KISUTCH	802578	
AXIAL SKELETAL MUSCLES			CHANGE WITH AGE		
CHANGE WITH AGE			AXIAL SKELETAL MUSCLES		
BAGRIDAE			BAGRIDAE		
MYSTUS SEENGHALA	803277		MYSTUS SEENGHALA	803277	
SILURIDAE			SILURIDAE		
WALLAGONIA ATTU	803277		WALLAGONIA ATTU	803277	
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GASTEROSTEIDAE			SCOMBRIDAE		
GASTEROSTEUS ACULEATUS	802459		EUTHYNNUS ALLETTERATUS	802003	
SALMONIDAE	800960		SCOMBER JAPONICUS	802003	
YOUNG			CLUPEIDAE		
SALMONIDAE			SARDINELLA AURITA	802003	
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SEASONAL CHANGES			CIRRHINA MRIGALA	801326	
CYPRINIDAE			BAGRIDAE		
CIRRHINA MRIGALA	801326		MYSTUS SEENGHALA	801327	
BAGRIDAE			BIOCHEMISTRY		
MYSTUS SEENGHALA	801327		PLEURONECTIDAE	802315	
DEVELOPMENT			SCORPAENIDAE		
EGG			SEBASTES	802315	
SALMONIDAE			EGG		
SALMO GAIRDNERII	801451		EMBRYO		
FREE AMINO ACIDS			SQUALIDAE	801842	
CLUPEIDAE			EXPERIMENTAL ANALYSIS		
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			ANGUILLA JAPONICA	801451	
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			AXIAL SKELETAL MUSCLES		
			SALMONIDAE		
			SALMO GAIRDNERII	801393	
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SCYLIORHINIDAE			SALMONIDAE		
CHIOSCYLLIUM INDICUM	801651		SALMO GAIRDNERII	802945	
CHANNIFORMES			ARTIFICIAL FEEDS AND FEEDING		
OPHICEPHALUS PUNCTATUS	801651		ANGUILLIDAE		
GASTEROSTEIDAE			ANGUILLA JAPONICA	802945	
GASTEROSTEUS ACULEATUS	802459		DEVELOPMENT		
AMMODYTIDAE			EGG		
AMMODYTES PERSONATUS	800525		SALMONIDAE		
MUGILOIDEI			SALMO GAIRDNERII	801451	
MUGIL DUSSUMIERI	801651		SEASONAL CHANGES		
CARANGIDAE			CLUPEIDAE		
CARANX HIPPOS	801651		CLUPEA HARENGUS	801871	
CENTRARCHIDAE	801398		COBALT		
LEPOMIS GIBBOSUS	800575		EXPERIMENTAL ANALYSIS		
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SCATOPHAGIDAE			SALMO GAIRDNERII	802829	
SCATOPHAGUS ARGUS	801651		SQUALENE		
SCIAENIDAE			OSMERIDAE		
APLODINOTUS GRUNNIENS	801153		THALEICHTHYS PACIFICUS	801412	
	801398				
SERRANIDAE					
MORONE CHRYSOPS	801398				
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POLYNEMUS TETRADACTYLUS	801651		ACANTHURIDAE		
SCOMBRIDAE			ACANTHURUS SANDVICENSIS	801419	
SCOMBER SCOMBRUS	801153		CICHLIDAE		
CYNOGLOSSIDAE			TILAPIA MOSSAMBICA	801419	
CYNOGLOSSUS	801651		CATOSTOMIDAE		
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CHIROCENTRUS DORAB	801651		SALMONIDAE		
CLUPEIDAE			SALMO TRUTTA	801193	
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CIRRHINA MRIGALA	801651				
CYPRINUS CARPIO	801398				
LABEO ROHITA	801651				
SCARDINIUS ERYTHROPHthalmus	800802				
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PERCOPSIS OMISCOMAYCUS	801398		SALMONIDAE		
ESOCIDAE			SALMO CLARKII	800573	
ESOX LUCIUS	801398		SALMO GAIRDNERII	800573	
ESOX MASQUINONGY	801398		SALMO TRUTTA	800573	
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			NITROGENOUS CONTENT		

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TELEOSTEI

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800903

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AMMODYTES LANCEOLATUS 800726  
PERCIDAE  
PERCA FLUVIATILIS 801950  
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CLUPEIDAE  
ALOSA PSEUDOHARENGUS 802289  
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800726  
800726  
SPRATTUS SPRATTUS 800726  
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GADIDAE  
GADUS MORHUA 800723  
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MERLANGUS MERLANGUS 800723  
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BLOOD  
INFRA-SPECIFIC VARIATION  
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NOTEMIGONUS CRYSOLEUCAS 802725  
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CLUPEIDAE  
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CATOSTOMIDAE 801398  
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SALMONIDAE  
SALMO GAIRDNERII 800830  
VITAMIN D  
SCOMBRIDAE  
EUTHYNNUS PELAMIS 800830  
SALMONIDAE  
SALMO GAIRDNERII 800830  
VITAMIN E  
SCOMBRIDAE  
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SALMONIDAE  
SALMO GAIRDNERII 800830

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SKIN  
BALISTIDAE  
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BALISTIDAE  
RUDARIUS ERCODES 801478  
GUT  
BALISTIDAE  
RUDARIUS ERCODES 801478  
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SALMONIDAE  
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ESOCIDAE  
ESOX LUCIUS 803080  
803082  
SALMONIDAE  
SALMO SALAR 803080  
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PLECOGLOSSIDAE  
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CYPRINUS CARPIO 801586  
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BRACHYDANIO RERIO 800163  
CARASSIUS 801226  
CARASSIUS CARASSIUS 800163  
800514  
REISSNER FIBER SCO COMPLEX  
CYPRINIDAE  
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POECILIIDAE  
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CARASSIUS CARASSIUS 801993  
RETINA  
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LENS  
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MUSTELUS CANIS 802187  
HEADKIDNEY  
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SERIOLA QUINQUERADIATA 802889





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CARCHARINIDAE									
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SILLAGINIDAE									
SILLAGO BASSENSIS	800572								
THERAPONIDAE									
HELOTES SEXLINEATUS	800572								
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SCOMBER AUSTRALISICUS	800572								
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EMBRYO PHYSIOLOGY									
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ENGRAULIS MORDAX	801815								
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ESOCIDAE									
ESOX LUCIUS	801565								
OSMERIDAE									
HYPOMESUS PRETIOSUS	800180								
OSMERUS MORDAX	801565								
SPIRINCHUS STARKSI	800180								
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COREGONUS MACROPHthalmus	800180								
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SALMO GAIRDNERII	800180								
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THYMALLUS THYMALLUS									
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COREGONUS WARTMANNI									800601
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CICHLASOMA BIMACULATUM									800136
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TILAPIA MOSSAMBICA									801594
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SCORPAENIDAE									
SCORPAENA PORCUS									801147



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	ONCORHYNCHUS GORBUSCHA	800281		
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	ONCORHYNCHUS KETA	800281		
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	ONCORHYNCHUS KISUTCH	800281		
		800603		
	ONCORHYNCHUS NERKA	800281		
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ONCORHYNCHUS TSHAWYTSCHA	800281			
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	801264			
	802262			
	801501			
	SALMO TRUTTA			
SCLERA AND CORNEA				
SALMONIDAE				
SALVELINUS NAMAYCUSH	801339			
ERYTHROCYTES				
ANGUILLIDAE				
ANGUILLA ANGUILLA	803351			
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DENTICEPS CLUPEOIDES	800616
PALAEODENTICEPS TANGANIKAE	800616
ANATOMY	
DEVELOPMENT	
DESCRIPTIVE EVOLUTION	
DREPANASPIDIFORMES	
DREPANASPIS	803408
PSAMMOLEPIS	803408
PALEONISCIFORMES	
BOREOSOMUS PIVETEAU	803408

**AXIAL SKELETON**

CHONDRENCHELYOMORPHA	
CHONDRENCHELYS	803398
HELODONTOMORPHA	
HELODUS	803398
PETALODONTOMORPHA	
JANASSA	803398
EDESTOMORPHA	803398
AMOMORPHA	
UROCLAS	801659
BLENNIOIDEI	803019
GADOPSIDAE	
GADOPSIS MARMORATUS	803019
PEMPHERIDAE	
PARAPRIACANTHUS	802959
PEMPHERIS	802959
GEMPYLIDAE	
SCOMBROLABRAX HETEROLEPIS	803019
ARIIDAE	
ARIUS SONA	800710
MORIDAE	
HALARGYREUS JOHNSONII	802312
OPHIDIIDAE	803019
BATHYLACONOIDEI	
BATHYLACO NIGRICANS	801577
SALMONIDAE	801894
SALVELINUS NAMAYCUSH	801894
APPENDICULAR SKELETON	
SCALES	
COCHLIODONTOMORPHA	
MENASPIS ARMATA	803399
ANATOMY	
BLENNIIDAE	802433
PHOLIDIDAE	
APODICHTHYS FLAVIDUS	802223
STICHAETIDAE	
CEBIDICHTHYS VIOLACEUS	802223
SCIAENIDAE	
SCIAENOPS OCELLATA	801790
BOTHIDAE	
PSETTA MAXIMA	800628
SOLEIDAE	
SOLEA SOLEA	800628
MORMYRIDAE	
CAMPYLOMORMYRUS	801507
IDENTIFICATION	
BOTHIDAE	

PARALICHTHYS ALBIGUTTA	802983
PARALICHTHYS DENTATUS	802983
PARALICHTHYS LETHOSTIGMA	802983
ABNORMALITY	
SYNGNATHIDAE	
HIPPOCAMPUS ERECTUS	803463
CENTRARCHIDAE	
MICROPTERUS DOLOMIEUI	802122
COTTIDAE	
COTTUS ASPER	802122
COTTUS ROTHEUS	802122
COTTUS ALEUTICUS	802122
POECILIIDAE	
POECILIA RETICULATA	800633
CLUPEIDAE	
SARDINELLA LONGICEPS	801939
ANGUILLIDAE	
ANGUILLA ANGUILLA	800820
CHARACIDAE	
HYPHESOBRYCON INNESI	802277
CATOSTOMIDAE	
CATOSTOMUS INSIGNIS	802221
CATOSTOMUS CLARKII	802221
CATOSTOMUS MACROCHEILUS	802122
CATOSTOMUS COLUMBIANUS	802122
CYPRINIDAE	
ACROCHEILUS ALUTACEUS	802122
PTYCHOCEILUS OREGONENSIS	802122
RHINICHTHYS OSCULUS	802122
RHODEUS OCELLATUS X	
PARACHEILOGNATHUS ROMBEUS X	800666
RICHARDSONIUS BALTEATUS	802122
SALMONIDAE	
ONCORHYNCHUS KISUTCH	802122
ONCORHYNCHUS TSHAWYTSCHA	802122
SALMO GAIRDNERII	802122
SALVELINUS FONTINALIS	802122
DEVELOPMENT	
SCOMBRIDAE	
ACANTHOCYBIUM SOLANDRI	801825
DESCRIPTIVE EVOLUTION	
DIPNOI	803400
COELACANTHINI	803400
CHONDROSTEI	803400

**NOTOCHORD**

ANATOMY	
PASSIVE ELECTRICAL PROPERTIES	
MYXINOMORPHA	
MYXINE GLUTINOSA	801165
PETROMYZONTOMORPHA	
PETROMYZON FLUVIATILIS	801165
PETROMYZON MARINUS	801165

**VERTEBRAE**

DIPNOI	
URANOLOPHUS WYOMINGENSIS	803402
AMOMORPHA	
PROTAMIA	801628
MICRODESMIDAE	
MICRODESMUS DIPUS	802197
MICRODESMUS DORSIPUNCTATUS	802197
SCIAENIDAE	
SCIAENOPS OCELLATA	801790
ISTIOPHORIDAE	803380
TETRAPTERUS AUDAX	802324
XIPHIIDAE	
XIPHIAS GLADIUS	803380
CONGRIDAE	
BATHYMYRUS SMITHI	803308
PASSIVE ELECTRICAL PROPERTIES	
RAJIDAE	
RAJA MARGINATA	801165
CARCHARINIDAE	
MUSTELUS MUSTELUS	801165
SQUALIDAE	
SQUALUS ACANTHIAS	801165
ANARHICHADIDAE	
ANARHICHAS LUPUS	801165
SCOMBRIDAE	
THUNNUS THYNNUS	801165
SCORPAENIDAE	
SEBASTES MARINUS	801165
JUVENILE	
ISTIOPHORIDAE	
TETRAPTERUS AUDAX	803071
INFRASPECIFIC VARIATION	
PERCIDAE	
ETHEOSTOMA JULIAE	800883
ANATOMY	
DIPNOI	
GNATHORHIZA SERRATA	800157
PHOLIDOPHOROMORPHA	
PHOLIDOPHORUS BECHEI	800520
PHOLIDOPHOROPSIS MACULATA	800520
PHOLIDOLEPIS DORSETENSIS	800520
TELEOSTEI	
MASTACEMBELIDAE	
MASTACEMBELUS ARMATUS	801892
CENTROPOMIDAE	



CENTROPOMUS	802189	CHANNIFORMES		SKELETAL SYSTEM
ISTIOPHORIDAE	800310	CHANNA	803019	(CONTINUED)
MAKAIRA	800310	BADIDAE		
COTTIDAE		BADIS BADIS	803012	
ARTEDIELLUS	800021	CENTROPOMIDAE		
MYOXOCEPHALUS	800021	CENTROPOMUS	802189	
ATHERINIDAE		GADOPSIDAE		
ATHERINA BONAPARTEI	801900	GADOPSIS MARMORATUS	803019	
ATHERINA MOCHON	801900	NANDIDAE		
ATHERINA HEPSETUS	801900	PRISTOLEPIS FASCIATUS	803019	
LEPTOLEPIDOMORPHA		SCIAENIDAE		
ALLOTHRISOPS	800520	SCIAENOPS OCELLATA	801790	
LEPTOLEPIS DUBIA	800520	GEMPYLIDAE		
LEPTOLEPIS NORMANDICA	800520	SCOMBROLABRAX HETEROLEPIS	803019	
LEPTOLEPIS CORYPHAENOIDES	800520	SCOMBRIDAE	801216	
THRISOPS	800520	BATHYMASTERIDAE		
GOBIESOCIFORMES		BATHYMASTER SIGNATUS	803019	
LEPADICHTHYS LINEATUS	802219	TRACHINIDAE		
PASSIVE ELECTRICAL PROPERTIES		TRACHINUS DRACO	803019	
RAJIDAE		BOTHIDAE		
RAJA CLAVATA	801165	PARALICHTHYS	802983	
ACIPENSEROMORPHA		CLUPEOMORPHA		
ACIPENSER STURIO	801165	DIPLOMYSTUS DENTATUS	800616	
GADIDAE		CLUPEIDAE	800616	
GADUS MORHUA	801165	DENTICIPITIDAE		
FUNCTION		DENTICEPS CLUPEOIDES	800616	
ISTIOPHORIDAE	801216	PALAEODENTICEPS TANGANIKAE	800616	
SCOMBRIDAE	801216	SYNAPHOBANCHIDAE	801352	
EUTHYNNUS PELAMIS	801216	ELOPIDAE		
XIPHIIDAE		ELOPS	800520	
XIPHIAS GLADIUS	801216	LEPTOLEPIDOMORPHA		
DEVELOPMENT		LEPTOLEPIS DUBIA	800520	
DESCRIPTIVE EVOLUTION		LEPTOLEPIS NORMANDICA	800520	
OSTEOLEPIDOMORPHA		LEPTOLEPIS CORYPHAENOIDES	800520	
ECTOSTEORHACHIS	802359	HIODONTIDAE		
EUSTHENOPTERON FOORDI	802359	HIODON ALOSOIDES	800520	
LOHSANIA UTAHENSIS	802359	MORMYRIDAE		
HISTOLOGY		CAMPYLOMORMYRUS	801507	
CARCHARHINIDAE		ALEPOCEPHALOIDEI		
MUSTELUS CANIS	803065	ALEPOCEPHALUS	800520	
TRIAKIS	803065	BATHYLACONOIDEI		
BOTHIDAE		BATHYLACO NIGRICANS	801577	
PSETTA MAXIMA	800628	SALMONIDAE		
PLEURONECTIDAE		BRACHYMYSTAX LENOK	802480	
HIPPOGLOSSUS HIPPOGLOSSUS	800628	HUCHO PERRYI	802480	
SOLEIDAE		HUCHO TAIMEN	802480	
SOLEA SOLEA	800628	HUCHO HUCHO	802480	
ANGUILLIDAE		DESCRIPTIVE EVOLUTION		
ANGUILLA ANGUILLA	800628	TELEOSTEI	802680	
CYPRINIDAE		ANOPLOGASTERIDAE		
ABRAMIS BRAMA	800628	ANOPLOGASTER	801386	
BARBUS BARBUS	800628	BERYCIFORMES		
CARASSIUS CARASSIUS	800628	AIPICHTHYS MINOR	801386	
CYPRINUS CARPIO	800628	AIPICHTHYS VELIFER	801386	
LEUCISCUS RUTILUS	800628	DINOPTERYX SPINOSUS	801386	
SQUALIUS CEPHALUS	800628	PHARMACICHTHYS VENENIFER	801386	
GADIDAE		PYCNOSTEROIDES LEVISPINOSUS	801386	
GADUS MORHUA	800628	SPHENOCOPHALUS FISSICAUDUS	801386	
MOLVA MOLVA	800628	DIRETMIDAE		
ABNORMALITY		DIRETMUS	801386	
CLUPEIDAE		GIBBERICHTHYIDAE		
BREVOORTIA TYRANNUS	802727	GIBBERICHTHYS	801386	
MORMYRIDAE		HOLOCENTRIDAE		
CAMPYLOMORMYRUS IBIS	801507	CAPROBERYX SUPERBUS	801386	
SALMONIDAE		MYRIPRISTIS ADUSTUS	801386	
SALMO GAIRDNERII	802047	STICHOCENTRUS LIRATUS	801386	
DEVELOPMENT		MELAMPHAEIDAE		
PHOLIDOPLEURIFORMES		MELAMPHAES	801386	
AUSTRALOSOMUS	800520	MONOCENTRIDAE		
PHOLIDOPHOROMORPHA		MONOCENTRIS JAPONICUS	801386	
PHOLIDOPHORUS BECHEI	800520	POLYMIXIDAE	801386	
TELEOSTEI	800520	TRACHICHTHYIDAE	801386	
DEVELOPMENTAL ANALYSIS		VELIFERIDAE		
TEMPERATURE		BATHYSOMA LUTKENI	801386	
ABNORMALITY		PERCIFORMES	801386	
CYPRINIDAE		MENIDAE		
CYPRINUS CARPIO	802479	MENE MACULATA	801386	
DESCRIPTIVE EVOLUTION		MENE OBLONGUS	801386	
OSTEOLEPIDOMORPHA		MENE RHOMBEUS	801386	
EUSTHENOPTERON FOORDI	803405	PENTACEROTIDAE		
CAUDAL SKELETON		PENTACEROPSIS RECURVIROSTRIS	801386	
AMOMORPHA		SERRANIDAE		
UROCLAS	801659	SINIPERCA CHAUTSI	801386	
PEMPHERIDAE		ZEIIFORMES	801386	
PARAPRIACANTHUS	802959	ELOPIDAE		
PEMPHERIS	802959	ELOPS	801386	
ISTIOPHORIDAE	803380	CTENOTHRISIFORMES	801386	
XIPHIIDAE		MYCTOPHOIDEI		
XIPHIAS GLADIUS	803380	NEMATONOTUS BOTTAE	801386	
CONGRIDAE		NEMATONOTUS LONGISPINUS	801386	
BATHYMYRUS SMITHI	803308	AULOPODIDAE		
HETERENCHELYIDAE	802713	AULOPUS	801386	
MURAENESOCIDAE	800402	ABNORMALITY		
OPHICHTHIDAE		HIODONTIDAE		
ECHELUS MYRUS	802712	HIODON ALOSOIDES	800520	
ECHELUS PACHYRHYNCHUS	802712	ALEPOCEPHALOIDEI		
MYROPHIS PLUMBEUS	802712	ALEPOCEPHALUS	800520	
ANATOMY		SALMONIDAE		
PHOLIDOPHOROMORPHA		SALVELINUS GREYI	800520	
PHOLIDOPHORUS BECHEI	800520	DEVELOPMENT		
PHOLIDOPHOROPSIS MACULATA	800520	ACIPENSEROMORPHA		
PHOLIDOLEPIS DORSETENSIS	800520	ACIPENSER	800520	
TELEOSTEI	800520	TELEOSTEI	800520	
		CICHLIDAE	802680	
		CLUPEIDAE		
		CLUPEA HARENGUS	802680	
		ETHMALOSA FIMBRIATA	802680	

**SKELETAL SYSTEM  
(CONTINUED)**

SARDINA PILCHARDUS	802680
SPRATTUS SPRATTUS	802680
CONGRIDAE	
CONGER CONGER	802680
CYEMIDAE	
CYEMA ATRUM	802680
SERRIVOMERIDAE	
SERRIVOMER BREVIDENTATUS	802680
ALBULIDAE	
ALBULA VULPES	802680
ELOPIDAE	
ELOPS	800520
ELOPS LACERTA	802680
OSTEOGLOSSIDAE	
HETEROTIS NILOTICUS	802680
ESOCIDAE	
ESOX LUCIUS	802511
SALMONIDAE	
SALMO GAIRDNERII	802680
DESCRIPTIVE EVOLUTION	
TELEOSTEI	800520
ELOPIDAE	
ELOPS	800520
LEPTOLEPIDOMORPHA	
ALLOTHRISOPS	800520
LEPTOLEPIS DUBIA	800520
THRISOPS	800520
HIODONTIDAE	
HIODON ALOSIDES	800520
ANATOMY	
BLENNIIDAE	802433
ACANTHOCLINIDAE	
ACANTHOCLINUS	802433

**RIBS**

ANATOMY	
DIPNOI	
GNATHORHIZA SERRATA	800157

**APPENDICULAR SKELETON**

CHONDRENCHYOMORPHA	
CHONDRENCHELYS	803398
HELODONTOMORPHA	
HELODUS	803398
PETALODONTOMORPHA	
CTENOPTYCHIUS	803398
JANASSA	803398
EDESTOMORPHA	803398

**PECTORAL GIRDLE**

DIPNOI	
URANOLOPHUS WYOMINGENSIS	803072
	803402
	803019
BLENNIOIDEI	
MICRODESMIDAE	
MICRODESMUS DIPUS	802197
PERCIDAE	
ETHEOSTOMA RUPESTRE	802117
SCIAENIDAE	
SCIAENOPS OCELLATA	801790
GEMPYLIDAE	
SCOMBROLABRAX HETEROLEPIS	803019
BATHYLACONOIDEI	
BATHYLACO NIGRICANS	801577
ANATOMY	
BADIDAE	
BADIS BADIS	803012
CENTROPOMIDAE	
CENTROPOMUS	802189
PEMPHERIDAE	
PARAPRIACANTHUS	802959
PEMPHERIS	802959
BOTHIDAE	
PARALICHTHYS	802983
COTTIDAE	
ARTEDIALLUS	800021
MYOXOCEPHALUS	800021
DENTICIPITIDAE	
DENTICEPS CLUPEOIDES	800616
CYPRINIDAE	803144
DESCRIPTIVE EVOLUTION	
BLENNIIDAE	802433
CHAENOPSIDAE	802433
CLINIDAE	802433
TRIPTYERYGIIDAE	802433
KUHLIDAE	
KUHLIA SANDVICENSIS	802433
POMACENTRIDAE	
ABUDEFDUF ABDOMINALIS	802433
IDENTIFICATION	
CYPRINIDAE	800638
DESCRIPTIVE EVOLUTION	
DIPNOI	803400
SCAUMENACIA CURTA	803401
RHIPIDISTIA	803400
COELACANTHINI	803400
CHONDROSTEI	803400

**PELVIC GIRDLE**

CHANNIFORMES	
CHANNA	803019
GASTEROSTEIDAE	
PUNGITIUS PUNGITIUS	802114
ANABANTOIDEI	803019
BLENNIOIDEI	803019
MICRODESMIDAE	
MICRODESMUS DIPUS	802197
GADOPSIDAE	
GADOPSIS MARMORATUS	803019
PEMPHERIDAE	
PARAPRIACANTHUS	802959
PEMPHERIS	802959
PERCIDAE	
ETHEOSTOMA RUPESTRE	802117
SCIAENIDAE	
SCIAENOPS OCELLATA	801790
GEMPYLIDAE	
SCOMBROLABRAX HETEROLEPIS	803019
DACTYLOSCOPIDAE	803019
TRACHINIDAE	
TRACHINUS DRACO	803019
URANOSCOPIDAE	803019
TRIACANTHIDAE	
TRIACANTHUS BIACULEATUS	801918
TRIPODICHTHYS BLOCHI	801918
TRIPODICHTHYS OXYCEPHALUS	801918
TRIXIPHICHTHYS WEBERI	801918
TRIACANTHODIDAE	801918
HALIMOCHIRURGUS CENTRISCOIDES	801918
HOLLARDIA HOLLARDI	801918
JOHNSONINA ERIOMMA	801918
PARAHOLLARDIA LINEATA	801918
PARATRIACANTHODES HERREI	801918
TRIACANTHODES ANOMALUS	801918
OPHIDIIDAE	803019
ANATOMY	
BLENNIIDAE	802433
CENTROPOMIDAE	
CENTROPOMUS	802189
BOTHIDAE	
PARALICHTHYS	802983
DENTICIPITIDAE	
DENTICEPS CLUPEOIDES	800616
MORMYRIDAE	
CAMPYLOMORMYRUS	801507
ABNORMALITY	
INHERITANCE	
CYPRINIDAE	
PARACHEILOGNATHUS RHOMBEUS X	
ACHEILOGNATHUS LIMBATUS X	800666
RHODEUS OCELLATUS	800666
RHODEUS OCELLATUS X	
PARACHEILOGNATHUS ROMBEUS X	800666

**FINS**

ABNORMALITY	
CHARACIDAE	
GYMNOCORYMBUS TERNETZI	801674
INHERITANCE	
POECILIIDAE	
POECILIA SPHENOPS	800115
XIPHOPHORUS HELLERII	800535
CHARACIDAE	
GYMNOCORYMBUS TERNETZI	800767
	800860
	801676
ELASTOIDIN	
BIOCHEMISTRY	
CARCHARINIDAE	
PRIONACE GLAUCA	800902

**RAYS AND SPINES**

ULTRASTRUCTURE	
CICHLIDAE	
TILAPIA MOSSAMBICA	800811
CYPRINIDAE	
CARASSIUS AURATUS	800811

**FIN SKELETAL SUPPORTS**

CAUDAL FIN	
CENTRISCIDAE	
AEOLISCUS STRIGATUS	802680
FISTULARIIDAE	
FISTULARIA VILLOSA	802680
ANABANTIDAE	
ANABAS TESTUDINEUS	802680
PHOLIDIDAE	
PHOLIS GUNNELLUS	802680
Gobiidae	
ELEOTRIODES LONGIPINNIS	802680
PSEUDAPOCRYPTES	802680
MULLIDAE	
MULLUS BARBATUS	802680
PSEUDUPENEUS PRAYENSIS	802680
SCOMBRIDAE	
ACANTHOCYBIUM SOLANDRI	802680

[illegible]



SKELETAL SYSTEM (CONTINUED)			
PROLATILUS JUGULARIS	803019	MONOCENTRIDAE	
TRACHINIDAE		MONOCENTRIS JAPONICUS	801986
TRACHINUS DRACO	803019	TRACHICHTHYIDAE	
URANOSCOPIDAE	803019	HOPLOSTETHUS INTERMEDIUS	801986
ALABETIDAE		CHANNIFORMES	
ALABES	803019	CHANNA GACHUA	801986
TRIACANTHODIDAE		CHANNA STRIATA	801986
PARAHOLLARDIA LINEATA	801918	DACTYLOPTERIFORMES	801986
CONGRIDAE		AULORHYNCHIDAE	
BATHYMYRUS SMITHI	803308	AULORHYNCHUS FLAVIDUM	801986
OPHIDIIDAE	803019	AULOSTOMIDAE	
ANATOMY		AULOSTOMUS CHINENSIS	801986
ACANTHODOMORPHA		CENTRISCIDAE	
ACANTHODES BRONNI	803395	CENTRISCUS SCUTATUS	801986
CHONDRENCHELYOMORPHA		FISTULARIIDAE	
CHONDRENCHELYS	803398	FISTULARIA	801986
HELODONTOMORPHA		FISTULARIA PETIMBA	801986
HELODUS	803398	GASTEROSTEIDAE	
PETALODONTOMORPHA		CULAEA INCONSTANS	801986
JANASSA	803398	GASTEROSTEUS ACULEATUS	801986
COCHLIODONTOMORPHA		PUNGITIUS PUNGITIUS	801986
DELTOPTYCHIUS	803398	MACRORHAMPHOSIDAE	
	803399	CENTRISCOPS LILLIEI	801986
MENASPIS ARMATA	803399	SYNGNATHIDAE	
EDESTOMORPHA	803398	HIPPOCAMPUS HILONIS	801986
DIPNOI		SYNGNATHUS FUSCUS	801986
NEOCERATODUS FORSTERI	802593	SYNGNATHUS GRISEOLINEATA	801986
BADIDAE		TRACHTERIDAE	
BADIS BADIS	803012	TRACHTERUS ALTIVELIS	801986
BLENNIIDAE	802433	PEGASIFORMES	
CENTROPOMIDAE		PEGASUS VOLITANS	801986
CENTROPOMUS	802189	AMMODYTOIDEI	801986
NANDIDAE		ANABANTIDAE	
PRISTOLEPIS	803012	ANABAS TESTUDINEUS	801986
PEMPHERIDAE		BELONTIIDAE	
PARAPRIACANTHUS	802959	TRICHOASTER TRICHOPTERUS	801986
PEMPHERIS	802959	BLENNIOIDEI	801986
SCIAENIDAE		CALLIONYMOIDEI	801986
SCIAENOPS OCELLATA	801790	GOBIOIDEI	801986
DENTICIPITIDAE		GOBIDAE	
DENTICEPS CLUPEOIDES	800616	MYSTICHTHYS LUZONENSIS	801986
PALAEODENTICEPS TANGANIKAE	800616	ICOSTEOIDEI	
SISORIDAE		ICOSTEUS AENIGMATICUS	801986
PSEUDECHENEIS SULCATUS	802513	LABROIDEI	801986
MORMYRIDAE		LUCIOCEPHALOIDEI	
CAMPYLOMORMYRUS	801507	LUCIOCEPHALUS PULCHER	801986
SALMONIDAE		CHAUDHURIIDAE	
BRACHYMYSTAX LENOK	802480	CHAUDHURIA CAUDATA	801986
HUCHO TAIMEN	802480	MASTACEMBELIDAE	
HUCHO PERRYI	802480	MASTACEMBELUS PANCELAS	801986
HUCHO HUCHO	802480	MUGILOIDEI	801986
IDENTIFICATION		NOTOTHENIOIDEI	801986
BOTHIDAE		ECHENEIDAE	801986
PARALICHTHYS ALBIGUTTA	802983	REMORA REMORA	801986
PARALICHTHYS DENTATUS	802983	REMOROPSIS BRACHYPTERA	801986
PARALICHTHYS LETHOSTIGMA	802983	RHOMBOCHIRUS OSTEOCHIR	801986
MORPHOMETRICS		POLYNEMOIDEI	801986
CYPRINIDAE		SCHINDLERIOIDEI	
CARASSIUS AURATUS	802814	SCHINDLERIA PRAEMATURA	801986
CARASSIUS CARASSIUS	802814	SCOMBROIDEI	801986
DESCRIPTIVE EVOLUTION		STROMATEOIDEI	801986
DIPNOI	803400	TRACHINOIDEI	801986
NEOCERATODUS FORSTERI	803400	PLEURONECTIDAE	801986
RHIPIDISTIA	803400	SCOPHTHALMIDAE	
COELACANTHINI	803400	SCOPHTHALMUS AQUOSUS	801986
CHONDROSTEI	803400	SOLEIDAE	
HISTOLOGY		ACHIRUS MAZATLANUS	801986
COELACANTHINI		COTTOIDEI	801986
LATIMERIA CHALUMNAE	803020	ALABETIDAE	
IDENTIFICATION		ALABES RUFUS	801986
CYPRINIDAE	800638	SYNBRANCHIDAE	
ABNORMALITY		MONOPTERUS ALBUS	801986
SALMONIDAE		SYNBRANCHUS MARMORATUS	801986
SALMO GAIRDNERII	803047	BALISTIDAE	
DEVELOPMENT		BALISTES VERRES	801986
SALMONIDAE		MONACANTHUS HISPIDUS	801986
SALMO TRUTTA	802630	DIODONTIDAE	
FUNCTION		CHILOMYCTERUS ATINGA	801986
ANATOMY		MOLIDAE	
DIPNOI		MOLA MOLA	801986
LEPIDOSIREN PARADOXA	800324	OSTRACIONTIDAE	
DEVELOPMENT		LACTOPHRYS TRICORNIS	801986
DESCRIPTIVE EVOLUTION	802813	LACTOPHRYS TRIQUETER	801986
	803394	TETRAODONTIDAE	
		CANTHIGASTER PUNCTATISSIMA	801986
		TRIACANTHIDAE	
		TRIACANTHUS OXYCEPHALUS	801986
		ZEIDAE	
		CAPROMIMUS ABBREVIATUS	801986
		ZEUS FABER	801986
		ATHERINIDAE	
		MENIDIA MENIDIA	801986
		PHALLOSTETHIDAE	
		NEOSTETHUS SIAMENSIS	80198

SCOMBERESOCIDAE  
 COLOLABIS SAIRA 801986  
 CHIROCENTRIDAE  
 CHIROCENTRUS DORAB 801986  
 CHIROCENTRUS HYPSELOMA 801986  
 CLUPEIDAE 801986  
 DENTICIPITIDAE  
 DENTICEPS CLUPEOIDES 801986  
 ENGRAULIDAE  
 ANCHOA HEPSETUS 801986  
 ANGUILLIDAE  
 ANGUILLA ROSTRATA 801986  
 CONGRIDAE  
 TAENIOCONGER 801986  
 MORINGUIDAE  
 MORINGUA MACROCHIR 801986  
 MURAENIDAE  
 GYMNOTHORAX DOVII 801986  
 MURAENA LENTIGINOSA 801986  
 SERRIVOMERIDAE  
 SERRIVOMER SECTOR 801986  
 XENOCONGRIDAE  
 MURAENICHTHYS COOKEI 801986  
 ALBULIDAE  
 ALBULA VULPES 801986  
 ELOPIDAE  
 ELOPS SAURUS 801986  
 MEGALOPIDAE  
 MEGALOPS ATLANTICA 801986  
 HALOSAURIDAE  
 ALDROVANDIA AFFINIS 801986  
 ALDROVANDIA MACROCHIR 801986  
 HALOSAURUS OWENI 801986  
 NOTACANTHIDAE  
 NOTACANTHUS PHASGANORUS 801986  
 ANOSTOMIDAE  
 ANOSTOMUS ANOSTOMUS 801986  
 CHARACIDAE  
 ANOPTICHTHYS 801986  
 ASTYANAX FASCIATUS 801986  
 CATOSTOMIDAE  
 CATOSTOMUS COMMERSONI 801986  
 COBITIDAE  
 COBITIS TAENIA 801986  
 CYPRINIDAE 801986  
 GYRINOCHEILIDAE  
 GYRINOCHEILUS AYMONIERI 801986  
 HOMALOPTERIDAE  
 HOMALOPTERA ZOLLINGERI 801986  
 AMPHILIIDAE  
 AMPHILIUS GRANDIS 801986  
 AMPHILIUS PLATYCHIR 801986  
 ARIIDAE  
 CATHOROPS GULOSA 801986  
 GALEICHTHYS FELIS 801986  
 BAGRIDAE  
 LIOBAGRUS MARGINATUS 801986  
 MYSTUS BLEEKERI 801986  
 CALLICHTHYIDAE  
 CORYDORAS AENEUS 801986  
 HOPLOSTERNUM LITTORALE 801986  
 CHACIDAE  
 CHACA CHACA 801986  
 CLARIIDAE  
 CLARIAS MACROCEPHALUS 801986  
 HETEROPNEUSTIDAE  
 HETEROPNEUSTES FOSSILIS 801986  
 ICTALURIDAE  
 ICTALURUS NEBULOSUS 801986  
 ICTALURUS PUNCTATUS 801986  
 NOTURUS GYRINUS 801986  
 MALAPTERURIDAE  
 MALAPTERURUS ELECTRICUS 801986  
 MOCHOKIDAE  
 MOCHOKUS NILOTICUS 801986  
 SYNODONTIS WOOSNAMI 801986  
 PIMELODIDAE  
 RHAMIDIA GUATEMALENSIS 801986  
 PLOTOSIDAE  
 PLOTOSUS ANGUILLARIS 801986  
 SILURIDAE  
 KRYPTOPTERUS MACROCEPHALUS 801986  
 SILURUS GLANIS 801986  
 SISORIDAE  
 EUCHIOGLANUS DAVIDI 801986  
 TRICHOMYCTERIDAE  
 PYGIDIUM PUNCTULATUS 801986  
 HIODONTIDAE  
 HIODON ALOSIDES 801986  
 HIODON TERGISUS 801986  
 MORMYRIDAE  
 GNATHONEMUS MOORI 801986  
 ISICHTHYS HENRYI 801986  
 PETROCEPHALUS CATOSTOMUS 801986  
 NOTOPTERIDAE  
 NOTOPTERUS NOTOPTERUS 801986  
 OSTEOGLOSSIDAE  
 OSTEOGLOSSUM BICIRRHOSUM 801986  
 SCLEROPAGES FORMOSUS 801986  
 PANTODONTIDAE  
 PANTODON BUCHHOLZI 801986  
 BATRACHOIDIFORMES  
 PORICHTHYS NOTATUS 801986  
 BREGMACEROTIDAE  
 AUCHENOCEROS PUNCTATUS 801986  
 GADIDAE  
 LOTA LOTA 801986

MACROURIDAE  
 MACROURUS BAIRDII 801986  
 MERLUCCIIDAE  
 MERLUCCIVUS PRODUCTUS 801986  
 MORIDAE  
 ANTIMORA ROSTRATA 801986  
 OPHIDIIDAE 801986  
 GOBIESOCIFORMES  
 GOBIOX MAEANANDRICUS 801986  
 ANTENNARIIDAE  
 ANTENNARIUS DROMBUS 801986  
 LINOPHYRIDAE  
 LINOPHYRNE CORONATA 801986  
 LOPHIIDAE  
 CHIROLOPHIUS FORBESII 801986  
 LOPHIUS PISCATORIUS 801986  
 OGCOCEPHALIDAE  
 ZALIEUTES ELATER 801986  
 AMBLYOPSIDAE  
 TYPHLICHTHYS SUBTERRANEUS 801986  
 APHREDODERIDAE  
 APHREDODERUS SAYANUS 801986  
 PERCOPSIDAE  
 PERCOPSIS OMISCOMAYCUS 801986  
 ATELEPODIDAE  
 ATELEOPUS NATALENSIS 801986  
 BARBOURISIDAE  
 BARBOURISIA RUFA 801986  
 RONDELETIIDAE  
 RONDELETIA LORICATA 801986  
 CHANIDAE  
 CHANOS CHANOS 801986  
 GONORYNCHIDAE  
 GONORYNCHUS GONORYNCHUS 801986  
 KNERIIDAE  
 KNERIA 801986  
 PHRACTOLAEMIDAE  
 PHRACTOLAEMUS ANSORGEI 801986  
 ALEPOCEPHALOIDEI  
 BATHYCTOCES ROSTRATUS 801986  
 TALISMANIA BIFURCATA 801986  
 ARGENTINIDAE  
 ARGENTINA SILUS 801986  
 BATHYLAGIDAE  
 BATHYLAGUS MILLERI 801986  
 ESOCIDAE  
 ESOX MASQUINONGY 801986  
 UMBRIDAE  
 DALLIA PECTORALIS 801986  
 UMBRA LIMI 801986  
 GALAXIIDAE  
 GALAXIAS ATTENUATUS 801986  
 GALAXIAS MACULATUS 801986  
 NEOCHANNIA APODA 801986  
 RETROPINNIDAE  
 RETROPINNA OSMEROIDES 801986  
 ALEPISAUROIDAE  
 ALEPISAUROUS AESCULAPIUS 801986  
 ANOTOPTERIDAE  
 ANOTOPTERUS PHARAO 801986  
 CHLOROPHTHALMIDAE  
 CHLOROPHTHALMUS NIGRIPINNIS 801986  
 HARPADONTIDAE  
 HARPADON NEHEREUS 801986  
 MYCTOPHIDAE 801986  
 NEOSCOPELIDAE  
 SCOPELENGYS TRISTIS 801986  
 PARALEPIDIDAE  
 LESTIDIUM RINGENS 801986  
 PARALEPIS COREGONOIDES 801986  
 SCOPELARCHIDAE  
 NEOSCOPELARCHOIDES DENDATUS 801986  
 SYNODONTIDAE  
 SYNODUS SCITULICEPS 801986  
 OSMERIDAE  
 OSMERUS EPERLANUS 801986  
 SALMONIDAE  
 ONCORHYNCHUS NERKA 801986  
 SALMO CLARKII 801986  
 SALVELINUS NAMAYCUSH 801986  
 CHAULIODONTIDAE  
 CHAULIODUS MACOUNI 801986  
 GONOSTOMATIDAE  
 VINCIGUERRIA LUCETIA 801986  
 MALACOSTEIDAE  
 ARISTOSTOMIAS SCINTILLANS 801986  
 MELANOSTOMIATIDAE  
 BATHOPHILUS FLEMINGI 801986  
 TACTOSTOMA MACROPUS 801986  
 STERNOPTYCHIDAE  
 ARGYROPELECUS 801986  
 ANATOMY  
 FUNCTION  
 ACANTHODOMORPHA  
 ACANTHODES BRONNI 803395  
 DEVELOPMENT  
 DESCRIPTIVE EVOLUTION 802813

SKELETAL SYSTEM  
 (CONTINUED)

# BRANCHIOSTEGALS

ACIPENSEROMORPHA  
 ACIPENSER FULVESCENS 801986  
 POLYODON SPATHULA 801986  
 AMIOMORPHA  
 AMIA CALVA 801986

SKELETAL SYSTEM (CONTINUED)	SEMIONOTOMORPHA		TRICANTHUS OXYCEPHALUS	801986
	LEPISTOSTEUS OSSEUS	801986	ZEIDAE	
	ANOPLOGASTERIDAE		CAPROMIMUS ABBREVIATUS	801986
	ANOPLOGASTER CORNUTA	801986	CYTUS NOVAEZEELANDIAE	801986
	HOLOCENTRIDAE		ZEUS FABER	801986
	HOLOCENTRUS DIADEMA	801986	ATHERINIDAE	
	HOLOCENTRUS SUBORBITALIS	801986	MENIDIA MENIDIA	801986
	MELAMPHAEIDAE		PHALLOSTETHIDAE	
	MELAMPHAEUS LUGUBRIS	801986	NEOSTETHUS SIAMENSIS	801986
	MONOCENTRIDAE		ANABLEPIDAE	
	MONOCENTRIS JAPONICUS	801986	ANABLEPS DOVII	801986
	TRACHYCHTHYIDAE		CYPRINODONTIDAE	
	HOPLOSTETHUS INTERMEDIUS	801986	FUNDULUS DIAPHANUS	801986
	CHANNIFORMES		GOODEIDAE	
	CHANNA GACHUA	801986	XENOTOCA VARIATA	801986
	CHANNA STRIATA	801986	JENYNSIIDAE	
	DACTYLOPTERIFORMES	801986	JENYNSIA LINEATA	801986
	AULORHYNCHIDAE		ORYZIATIDAE	
	AULORHYNCHUS FLAVIDUM	801986	ORYZIAS LATIPES	801986
	AULOSTOMIDAE		POECILIIDAE	
	AULOSTOMUS CHINENSIS	801986	POECILIA VIRIOSA	801986
	CENTRISCIDAE		TOMEURUS GRACILIS	801986
	CENTRISCUS SCUTATUS	801986	BELONIDAE	
	FISTULARIIDAE		BELONE HOUTTUYNII	801986
	FISTULARIA	801986	EXOCOETIDAE	801986
	FISTULARIA PETIMBA	801986	SCOMBERESOCIDAE	
	GASTEROSTEIDAE		COLOLABIS SAIRA	801986
	CULAEA INCONSTANS	801986	CHIROCENTRIDAE	
	GASTEROSTEUS ACULEATUS	801986	CHIROCENTRUS DORAB	801986
	PUNGITIUS PUNGITIUS	801986	CHIROCENTRUS HYPSELOMA	801986
	MACROHAMPHOSIDAE		CLUPEIDAE	
	CENTRISCOPS LILLIEI	801986	DENTICIPITIDAE	
	SYNGNATHIDAE		DENTICEPS CLUPEOIDES	801986
	HIPPOCAMPUS HILONIS	801986	ENGRAULIDAE	
	SYNGNATHUS FUSCUS	801986	ANCHOA HEPSETUS	801986
	SYNGNATHUS GRISOLINEATA	801986	ANGUILLIDAE	
	TRACHIPTERIDAE		ANGUILLA ROSTRATA	801986
	TRACHIPTERUS ALTIVELIS	801986	CONGRIDAE	
	PEGASIFORMES		ARIOSOMA PRORIGERA	801986
	PEGASUS VOLITANS	801986	GORGASIA PUNCTATA	801986
	AMMODYTOIDEI	801986	TAENIOCONGER	801986
	ANABANTIDAE		MORINGUIDAE	
	ANABAS TESTUDINEUS	801986	MORINGUA MACROCHIR	801986
	BELONTIIDAE		MURAENESOCIDAE	
	TRICHOGASTER TRICHOPTERUS	801986	MURAENESOX CONICEPS	801986
	BLENNIOIDEI	801986	MURAENIDAE	
	PTILICHTHYIDAE		GYMNOTHORAX DOVII	801986
	PTILICHTHYS	801986	MURAENA LENTIGINOSA	801986
	CALLIONYMOIDEI	801986	NEMICHTHYIDAE	
	GOBIOIDEI	801986	NEMICHTHYS SCOLOPACEUS	801986
	ICOSTEOIDEI		NETTASTOMATIDAE	
	ICOSTEUS AENIGMATICUS	801986	NETTASTOMA	801986
	JABROIDEI	801986	SERRIVOMERIDAE	
	LUCIOCEPHALOIDEI		SERRIVOMER SECTOR	801986
	LUCIOCEPHALUS PULCHER	801986	SYNAPHOBANCHIDAE	
	CHAUDHURIIDAE		ILYOPHIS BRUNNEUS	801986
	CHAUDHURIA CAUDATA	801986	XENOCONGRIDAE	
	MASTACEMBELIDAE		MURAENICHTHYS COOKEI	801986
	MACROGNATHUS ACULEATUS	801986	ALBULIDAE	
	MACROGNATHUS ARMATUS	801986	ALBULA VULPES	801986
	MACROGNATHUS MELLANDI	801986	ELOPIDAE	
	MASTACEMBELUS PANCELAS	801986	ELOPS SAURUS	801986
	MUGILOIDEI	801986	MEGALOPIDAE	
	NOTOTHEMNOIDEI	801986	MEGALOPS ATLANTICA	801986
	ECHENEIDAE		HALOSAURIDAE	
	ECHENEIS NAUCRATES	801986	ALDROVANDIA AFFINIS	801986
	REMILEGIA AUSTRALIS	801986	ALDROVANDIA MACROCHIR	801986
	REMORA REMORA	801986	HALOSAURUS OWENI	801986
	REMOROPSIS BRACHYPTERA	801986	NOTACANTHIDAE	
	RHOMBOCHIRUS OSTEOCHIR	801986	NOTACANTHUS PHASGANORUS	801986
	SCAENIDAE		ANOSTOMIDAE	
	ELATTARCHUS ARCHIDIUM	801986	ANOSTOMUS ANOSTOMUS	801986
	POLYNEMOIDEI	801986	CHARACIDAE	
	SCHINDLERIIDAE		ANOPTICHTHYS	801986
	SCHINDLERIA PRAEMATURA	801986	ASTYANAX FASCIATUS	801986
	SCOMBROIDEI	801986	CATOSTOMIDAE	
	STROMATEOIDEI	801986	CATOSTOMUS COMMERSONI	801986
	TRACHINOIDEI	801986	COBITIDAE	
	BOTHIDAE		COBITIS TAENIA	801986
	PARALICHTHYS LETHOSTIGMA	801986	CYPRINIDAE	801986
	CYNOGLOSSIDAE		GYRINOCHILIDAE	
	CYNOGLOSSUS ROBUSTUS	801986	GYRINOCHILUS AYMONIERI	801986
	PLEURONECTIDAE	801986	HOMALOPTERIDAE	
	SCOPHTHALMIDAE		HOMALOPTERA ZOLLINGERI	801986
	SCOPHTHALMUS AQUOSUS	801986	ELECTROPHORIDAE	
	SOLEIDAE		ELECTROPHORUS ELECTRICUS	801986
	ACHIRUS MAZATLANUS	801986	GYMNOTIDAE	
	COTTOIDEI	801986	GYMNOTUS CARAPO	801986
	ALABETIDAE		RHAMPHICHTHYIDAE	
	ALABES RUFUS	801986	STEATOGENYS ELEGANS	801986
	SYNBRANCHIDAE		AMPHILIIDAE	
	MONOPTERUS ALBUS	801986	AMPHILIUS GRANDIS	801986
	MONOPTERUS FLUTA	801986	AMPHILIUS PLATYCHIR	801986
	SYNBRANCHUS MARMORATUS	801986	ARIIDAE	
	BALISTIDAE		CATHOROPS GULOSA	801986
	BALISTES YERRES	801986	GALEICHTHYS FELIS	801986
	MONACANTHUS HISPIDUS	801986	BAGRIDAE	
	DIODONTIDAE		LOBAGRUS MARGINATUS	801986
	CHILOMYCTERUS ATINGA	801986	MYSTUS BLEEKERI	801986
	MOLDAE		CALICHTHYIDAE	
	MOLA MOLA	801986	CORYDORAS AENEUS	801986
	OSTRACIANTIDAE		HOPLOSTERNUM LITTORALE	801986
	LACTOPHRYS TRICORNIS	801986	CHACIDAE	
	LACTOPHRYS TRIQUETER	801986	CHACA CHACA	801986
	TETRAODONTIDAE		CLARIIDAE	
	CANTHIGASTER PUNCTATISSIMA	801986	CLARIAS MACROCEPHALUS	801986
	TRIACANTHIDAE		HETEROPNEUSTIDAE	



HETEROPNEUSTES FOSSILIS	801986	ANOPTERUS PHARAO	801986	SKELETAL SYSTEM (CONTINUED)
HYPOPHTHALMIDAE		AULOPODIDAE		
HYPOPHTHALMUS EDENTATUS	801986	AULOPUS	801986	
ICTALURIDAE		AULOPUS JAPONICUS	801986	
ICTALURUS NEBULOSUS	801986	CHLOROPHTHALMIDAE		
ICTALURUS PUNCTATUS	801986	CHLOROPHTHALMUS NIGRIPINNIS	801986	
NOTURUS GYRINUS	801986	HARPADONTIDAE		
MALAPTERURIDAE		HARPADON NEHEREUS	801986	
MALAPTERURUS ELECTRICUS	801986	IPNOPIIDAE		
MOCHOKIDAE		IPNOPS MURRAYI	801986	
MOCHOKUS NILOTICUS	801986	MYCTOPHIDAE	801986	
SYNDONTIS WOOSNAMI	801986	NEOSCOPELIDAE		
PIMELODIDAE		SCOPELENGYS TRISTIS	801986	
RHAMDIA GUATEMALENSIS	801986	PARALEPIDIDAE		
PLOTOSIDAE		LESTIDIUM RINGENS	801986	
PLOTOSUS ANGUILLARIS	801986	PARALEPIS COREGONOIDES	801986	
SILURIDAE		SCOPELARCHIDAE		
KRYPTOPTERUS MACROCEPHALUS	801986	NEOSCOPELARCHOIDES DENDATUS	801986	
SILURUS GLANIS	801986	SCOPELOSURIDAE		
SISORIDAE		SCOPELOSURUS HARRYI	801986	
EUCHILOGLANUS DAVIDI	801986	SYNDONTIDAE		
TRICHOMYCTERIDAE		SYNDONUS SCITULICEPS	801986	
PYGIDIUM PUNCTULATUS	801986	OSMERIDAE		
HIODONTIDAE		OSMERUS EPERLANUS	801986	
HIODON ALOSIDES	801986	SALMONIDAE		
HIODON TERGISUS	801986	ONCORHYNCHUS NERKA	801986	
MORMYRIDAE		SALMO CLARKII	801986	
GNATHONEMUS MOORI	801986	SALVELINUS NAMAYCUSH	801986	
ISICHTHYS HENRYI	801986	CHAULIODONTIDAE		
PETROCEPHALUS CATOSTOMUS	801986	CHAULIODUS MACOUNI	801986	
NOTOPTERIDAE		GONOSTOMATIDAE		
NOTOPTERUS NOTOPTERUS	801986	VINCIGUERRIA LUCETIA	801986	
OSTEOGLOSSIDAE		MALACOSTEIDAE		
OSTEOGLOSSUM BICIRRHOSUM	801986	ARISTOSTOMIAS SCINTILLANS	801986	
SCLEROPAGES FORMOSUS	801986	MELANOSTOMIATIDAE		
PANTODONTIDAE		BATHOPHILUS FLEMINGI	801986	
PANTODON BUCHHOLZI	801986	TACTOSTOMA MACROPUS	801986	
BATRACHOIDIFORMES		STERNOPTYCHIDAE		
PORICHTHYS NOTATUS	801986	ARGYROPELECUS	801986	
BREGMACEROTIDAE		ANATOMY		
AUCHENOCERUS PUNCTATUS	801986	DEVELOPMENT		
CARAPIDAE		OSTEOLEPIDOMORPHA		
ENCHELIOPHIS GRACILIS	801986	EUSTHENOPTERON FOORDI	803411	
GADIDAE		POLYPTEROMORPHA		
LOTA LOTA	801986	POLYPTERUS LAPRAEDI	803411	
MACROURIDAE		AMOMORPHA		
MACROURUS BAIRDII	801986	AMIA CALVA	803411	
MERLUCCIIDAE				
MERLUCCIVS PRODUCTUS	801986			
MORIDAE				
ANTIMORA ROSTRATA	801986			
OPHIIDAE	801986			
GOBIESOCIFORMES		OPERCULUM		
GOBIOSEX MAENANDRICUS	801986	ACIPENSEROMORPHA		
ANTENNARIIDAE		ACIPENSER FULVESCENS	801986	
ANTENNARIUS DROMBUS	801986	POLYODON SPATHULA	801986	
LINOPHRYNIDAE		POLYPTEROMORPHA	801986	
LINOPHRYNE CORONATA	801986	AMOMORPHA		
LOPHIIDAE		AMIA CALVA	801986	
CHIROLOPHIUS FORBESII	801986	SEMIONOTOMORPHA		
LOPHIUS PISCATORIUS	801986	LEPISOSTEUS OSSEUS	801986	
OGCOCEPHALIDAE		DACTYLOPTERIFORMES	801986	
OGCOCEPHALUS DARWINI	801986	AMMODYTOIDEI	801986	
ZALIEUTES ELATER	801986	BLENNIOIDEI	801986	
AMBLYOPSIDAE		CALLIONYMOIDEI	801986	
CHOLOGASTER AGASSIZI	801986	GOBIOIDEI	801986	
TYPHLICHTHYS SUBTERRANEUS	801986	TRYPAUCHENIDAE	801986	
APHREDODERIDAE		LABROIDEI	801986	
APHREDODERUS SAYANUS	801986	MUGILOIDEI	801986	
PERCOPSIDAE		NOTOTHENIOIDEI	801986	
PERCOPSIS OMISCOMAYCUS	801986	POLYNEMOIDEI	801986	
ATELEOPODIDAE		SCHINDLERIOIDEI		
ATELEOPUS NATALENSIS	801986	SCHINDLERIA PRAEMATURA	801986	
IJIMAIA ANTILLARUM	801986	SCOMBROIDEI	801986	
BARBOURISIIDAE		TRICHIURIDAE	801986	
BARBOURISIA RUFA	801986	STROMATEOIDEI	801986	
RONDELETIIDAE		TRACHINOIDEI	801986	
RONDELETIA LORICATA	801986	COTTOIDEI	801986	
CHANIDAE		COTTIDAE		
CHANOS CHANOS	801986	COTTUS BAIRDII	802213	
GONORYNCHIDAE		COTTUS BELDINGII	802213	
GONORYNCHUS GONORYNCHUS	801986	COTTUS ECHINATUS	802213	
KNERIIDAE		COTTUS EXTENSUS	802213	
KNERIA	801986	ELOPIDAE		
PHRACTOLAEMIDAE		ELOPS SAURUS	803412	
PHRACTOLAEMUS ANSORGEI	801986	HIODONTIDAE		
ALEPOCEPHALOIDEI		HIODON ALOSIDES	801986	
BATHYTRICTES ROSTRATUS	801986	HIODON TERGISUS	801986	
TALISMANIA BIFURCATA	801986	MORMYRIDAE		
ARGENTINIDAE		GNATHONEMUS MOORI	801986	
ARGENTINA SILUS	801986	ISICHTHYS HENRYI	801986	
BATHYLAGIDAE		PETROCEPHALUS CATOSTOMUS	801986	
BATHYLAGUS MILLERI	801986	NOTOPTERIDAE		
ESOCIDAE		NOTOPTERUS NOTOPTERUS	801986	
ESOX MASQUINONGY	801986	OSTEOGLOSSIDAE		
UMBRIDAE		OSTEOGLOSSUM BICIRRHOSUM	801986	
DALLIA PECTORALIS	801986	SCLEROPAGES FORMOSUS	801986	
UMBRA LIMI	801986	PANTODONTIDAE		
GALAXIIDAE		PANTODON BUCHHOLZI	801986	
GALAXIAS ATTENUATUS	801986	ANATOMY		
GALAXIAS MACULATUS	801986	BLENNIIDAE	802433	
NEOCHANNA APODA	801986	ABNORMALITY		
RETROPINNIDAE		CYPRINIDAE		
RETROPINNA OSMEROIDES	801986	RHODEUS OCELLATUS X		
ALEPISAUROIDAE		PARACHEILOGNATHUS ROMBEUS X	800666	
ALEPISAUROS AESCULAPIUS	801986			
ANOPTERIDAE				

SKELETAL SYSTEM  
(CONTINUED)

GILL ARCHES  
ANATOMY

ACANTHODOMORPHA	
ACANTHODES BRONNI	803396
HOLOCEPHALI	803396
ELASMOBRANCHII	803396
DIPNOI	
NEOCERATODUS FORSTERI	803396
OSTEOLEPIDOMORPHA	
EUSTHENOPTERON FOORDI	803396
COELACANTHINI	
LATIMERIA CHALUMNAE	803396
ACIPENSEROMORPHA	
ACIPENSER STURIO	803396
PHOLIDOPLEURIFORMES	
AUSTRALOSOMUS KOCHI	803396
AMOMORPHA	
PACHYCORMUS MACROPTERUS	803396
SEMIONOTOMORPHA	
LEPISOSTEUS OSSEUS	803396
SERRANIDAE	
EPINEPHELUS HEXAGONATUS	803396
ELOPIDAE	
ELOPS HAWAIIENSIS	800772
	803396
	800772
OSTEOGLOSSOMORPHA	
GYMNARCHIDAE	
GYMNARCHUS NILOTICUS	800772
HIODONTIDAE	
HIODON ALOSOIDES	800772
HIODON TERGISUS	800772
MORMYRIDAE	800772
NOTOPTERIDAE	
NOTOPTERUS KAPIRAT	800772
PAPYROCRANUS AFER	800772
XENOMYSTUS NIGRI	800772
OSTEOGLOSSIDAE	
ARAPAIMA GIGAS	800772
HETEROTIS NILOTICUS	800772
OSTEOGLOSSUM BIGIRRHOSUM	800772
SCLEROPAGES FORMOSUS	800772
PANTODONTIDAE	
PANTODON BUCHHOLZI	800772
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COCHLIODUS CONTORTUS	803399
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SCOMBRIDAE	800310
XIPHIIDAE	
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HARPAGIFER BISPINIS	803019
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XIPHIIDAE	
XIPHIAS GLADIUS	803380
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PEMPHERIS	802959	PERCIDAE		
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BOTHIDAE		CLUPEIDAE		
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PALAEODENTICEPS TANGANIKAE	800616			
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CARASSIUS CARASSIUS	802814	FUNCTION	803408	
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DIPNOI	803403	SALMO GAIRDNERII	801468	
	803400			
RHIPIDISTIA	803400			
CHONDROSTEI	803400			
	803403			
PALEONISCIFORMES	803400			
HOLOSTEI	803403			
TELEOSTEI	803403			
DESCRIPTIVE EVOLUTION		ACELLULAR BONE		
DIPNOI	802593	FUNCTION		
CHIRODIPTERUS WILDUNGENSIS	802593	TELEOSTEI	800560	
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ABNORMALITY		ULTRASTRUCTURE		
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ALOSA SAPIDISSIMA	802700	FUNCTION		
ANDROGENS		ANGUILLIDAE		
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DOROSOMA PETENENSE	800784			
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GALAXIAS MACULATUS	801269			
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POLYPTERUS	803410	RNA CONTENT AND FUNCTION		
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AMIA CALVA	803406	SERIOLA QUINQUERADIATA	802889	
	803410	SCORPAENIDAE		
		SEBASTES VULPES	802889	
		CYPRINIDAE		
		CYPRINUS CARPIO	802889	
		SALMONIDAE	802889	
		OXIDATIVE METABOLISM		
		TEMPERATURE		
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FUNCTION	ISTIOPHORIDAE	801216	COTTUS GOBIO X	802594
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XIPHIAS GLADIUS		801216	SCORPAENODES	802582
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CHONDROSTEI	803063		SEBASTOLOBUS ALTIVELIS	802582
TELEOSTEI	803063		SEBASTES MARINUS	802582
HISTOLOGY			SEBASTES MENNELLA	802582
LIPID AND FATTY ACID CONTENT			COMPARATIVE ENZYMOLOGY	
BIOCHEMISTRY			SCOMBRIDAE	
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MUGILOIDEI			DIPNOI	
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CARANGIDAE			NOTOTHEIIDAE	
CARANX HIPPOS	801651		TREMATOMUS BORCHGREVINKI	802258
SCATOPHAGIDAE			SCOMBRIDAE	
SCATOPHAGUS ARGUS	801651		THUNNUS THYNNUS	802258
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BELONIDAE			LAMPETRA PLANERI	801360
BELONE STRONGYLURUS	801651		DASYATIDAE	
EXOCEIIDAE			DASYATIS PASTINACA	801360
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CHIROCENTRIDAE			CARANGIDAE	
CHIROCENTRUS DORAB	801651		TRACHURUS MEDITERRANEUS	801360
CLUPEIDAE			SCORPAENIDAE	
HILSA ILISHA	801651		SCORPAENA PORCUS	801360
CYPRINIDAE			POECILIIDAE	
BARBUS SARANA	801651		XIPHOPHORUS MACULATUS	801922
CIRRHINA MRIGALA	801651		CYPRINIDAE	
LABEO ROHITA	801651		CYPRINUS CARPIO	801360
HETEROPNEUSTIDAE			CHANGE WITH AGE	
HETEROPNEUSTES FOSSILIS	801651		BAGRIDAE	
ULTRASTRUCTURE			MYSTUS SEENGHALA	803277
POECILIIDAE			SILURIDAE	
POECILIA RETICULATA	800199		WALLAGONIA ATTU	803277
CYPRINIDAE			EXERCISE	
CARASSIUS CARASSIUS	800199		GADIDAE	
CYPRINUS CARPIO	800199		GADUS MORHUA	802309
DEVELOPMENT			SALMONIDAE	
CYPRINIDAE			SALMO TRUTTA	802676
BRACHYDANIO RERIO	801159		STARVATION	
BIOCHEMISTRY			GADIDAE	
RAJIDAE			LOTA LOTA	803501
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CARCHARINIDAE			GALAXIIDAE	
MUSTELUS MANAZO	800487		GALAXIAS BONGBONG	801827
SCYLORHINIDAE			SEASONAL CHANGES	
SCYLORHINUS CANICULUS	801086		CYPRINIDAE	
CARANGIDAE			CIRRHINA MRIGALA	801326
SERIOLA QUINQUERADIATA	800484		BAGRIDAE	
	800485		MYSTUS SEENGHALA	801327
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TRACHURUS			GADIDAE	
CICHLIDAE			GADUS MORHUA	802314
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SPARIDAE			VITAMIN REQUIREMENTS	
PAGELLUS CENTRODONTUS	801086		CYPRINIDAE	
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PLEURONECTIDAE			TEMPERATURE	
EOPSETTA GRIGORJEWI	800487		CORYPHAENIDAE	
SCOPHTHALMIDAE			CORYPHAENA HIPPURUS	802554
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POECILIIDAE			TETRAPTERUS AUDAX	802554
XIPHOPHORUS MACULATUS	800259		SCOMBRIDAE	
XIPHOPHORUS PYGMAEUS	800259		EUTHYNNUS LINEATUS	802554
XIPHOPHORUS MILLERI	800259		SCOMBEROMORUS SIERRA	802554
XIPHOPHORUS HELLERII	800259		SPHYRAENOIDEI	
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CYPRINIDAE			CARANGIDAE	
CYPRINUS CARPIO	800210		TRACHURUS MEDITERRANEUS	802025
LEUCISCUS RUTILUS	800881		DEVELOPMENT	
PLOTOSIDAE			TORPEDINIDAE	
CNIDOGLANIS MEGASTOMUS	801284		TORPEDO OCELLATA	800431
GADIDAE			SCYLORHINIDAE	
GADUS MORHUA	800206		SCYLORHINUS CANICULUS	800431
SALMONIDAE			ACIPENSEROMORPHA	
SALMO GAIRDNERII	800247		ACIPENSER GUeldenstaedti	800431
	802566		HUSO HUSO	800431
PROTEIN CONTENT			COBITIDAE	
LIPID AND FATTY ACID CONTENT			MISGURNUS FOSSILIS	800431
GADIDAE			SALMONIDAE	
GADUS MORHUA	802560		COREGONUS LAVARETUS	800431
INHERITANCE			SALMO SALAR	800431
CYPRINIDAE			DESCRIPTIVE EVOLUTION	
MYLOCHEILUS CAURINUM	802403		CYPRINIDAE	
RICHARDSONIUS BALTEATUS	802403		CYPRINUS CARPIO	800210
LIPID AND FATTY ACID CONTENT			CREATINE KINASE	
GADIDAE			BIOCHEMISTRY	
GADUS MORHUA	802562		CARCHARINIDAE	
SALMONIDAE			GALEORHINUS GALEUS	802610
SALMO GAIRDNERII	802466		SCYLORHINIDAE	
PROTEIN SPECIFICITY			SCYLORHINUS CANICULUS	802610
			ACIPENSEROMORPHA	

	ACIPENSER STURIO	802610	POLYPTEROMORPHA	MUSCULAR SYSTEM
	CENTRARCHIDAE		POLYPTERUS LAPRAEDI	(CONTINUED)
	MICROPTERUS SALMOIDES	802610	AMIOMORPHA	
	CICHLIDAE	802610	AMIA CALVA	803411
	COTTIDAE		ELOPIDAE	
	COTTUS SCORPIUS	802610	ELOPS SAURUS	803411
	TRIGLIDAE		ANATOMY	
	TRIGLA GURNARDUS	802610	AMPHIPNOIDAE	
	ANGUILLIDAE		AMPHIPNOUS CUCHIA	800688
	ANGUILLA ANGUILLA	802610	FUNCTION	
	CONGRIDAE		BAGRIDAE	
	CONGER CONGER	802610	RITA RITA	803022
	CYPRINIDAE	802610	SILURIDAE	
	GADIDAE		WALLAGONIA ATTU	803022
	GADUS MORHUA	802610	FUNCTION	
	GAIDROPSARUS TRICERRATUS	802610	AMPHIPNOIDAE	
	ESOCIDAE		AMPHIPNOUS CUCHIA	800688
	ESOX LUCIUS	802610		
	SALMONIDAE			
	SALMO TRUTTA	802610		
	POLYMORPHISM			
	CYPRINIDAE		GILL MUSCLES	
	CYPRINUS CARPIO	802611	GOBIIDAE	
ENOLASE			GOBIUS BATRACHOCEPHALUS	800474
BIOCHEMISTRY			GOBIUS CEPHALARGES	800474
SALMONIDAE			CENTRARCHIDAE	
ONCORHYNCHUS KISUTCH	800775		LEPOMIS GIBBOSUS	800474
GLYCOGEN			MULLIDAE	
BIOCHEMISTRY			MULLUS BARBATUS	800474
GADIDAE			PERCIDAE	
GADUS MORHUA	802464		ROMANICHTHYS VALSANICOLA	800474
STARCH			SCOMBRIDAE	
PLEURONECTIDAE			SARDA SARDA	800474
INOSETTA ISCHYRA	802465		SCOMBER SCOMBRUS	800474
PAROPHRYS VETULUS	802465		SCORPAENIDAE	
PLATICHTHYS STELLATUS	802465		SCORPAENA PORCUS	800474
HEXAGRAMMIDAE			CLUPEIDAE	
OPHIODON ELONGATUS	802465		ALOSA PONTICA	801089
SCORPAENIDAE			CLUPEONELLA CULTRIVENTRIS	801089
SEBASTODES MALIGER	802465		ENGRAULIDAE	
SEBASTLOBUS ALASCANUS	802465		ENGRAULIS ENCRASICOLUS	801089
GADIDAE			ESOCIDAE	
GADUS MACROCEPHALUS	802465		ESOX LUCIUS	801089
SALMONIDAE			SALMONIDAE	
ONCORHYNCHUS KISUTCH	802465		SALMO TRUTTA	801089
SALMO GAIRDNERII	802465		FUNCTION	
HISTIDINE			EXPERIMENTAL ANALYSIS	
BIOCHEMISTRY			ANATOMY	
SCOMBRIDAE			CALLIONYMOIDEI	
SCOMBER JAPONICUS	801844		CALLIONYMUS LYRA	802238
HISTOLOGY				
LIPID AND FATTY ACID CONTENT			JAW MUSCLES	
BIOCHEMISTRY			ANATOMY	
CHANNIFORMES			CLUPEIDAE	
CHANNA PUNCTATA	801651		CLUPEA HARENGUS	800616
MALIC ENZYME			DENTICIPITIDAE	
BIOCHEMISTRY			DENTICEPS CLUPEOIDES	800616
GADIDAE			FUNCTION	
MELANOGRAMMUS AEGLEFINUS	802468		POMACENTRIDAE	
MYOGENS			MICROSPATHODON CHRYSURUS	801052
BIOCHEMISTRY			BAGRIDAE	
CICHLIDAE			RITA RITA	803022
TILAPIA	801973		SILURIDAE	
CYPRINIDAE			WALLAGONIA ATTU	803022
CYPRINUS CARPIO	801973		FUNCTION	
MYOGLOBIN			TELEOSTEI	802543
BIOCHEMISTRY				
SCOMBRIDAE				
EUTHYNNUS VAGANS	801595			
THUNNUS ORIENTALIS	801595			
MYOSIN			HEAD MUSCLES	
BIOCHEMISTRY			COCCOSTEOMORPHA	
CARANGIDAE			COCCOSTEUS CUSPIDATUS	800701
SERIOLA QUINQUERADIATA	801854		ANATOMY	
POTASSIUM			FUNCTION	
BIOCHEMISTRY			GOBIESOCIFORMES	
SCYLIORHINIDAE			LEPADICHTHYS LINEATUS	802219
SCYLIORHINUS CANICULUS	801999		ABNORMALITY	
SCORPAENIDAE			SILURIDAE	
SCORPAENA PORCUS	801999		SILURUS GLANIS	803032
CYPRINIDAE			DEVELOPMENT	
CYPRINUS CARPIO	801999		DESCRIPTIVE EVOLUTION	
TRANSAMINASE			PETROMYZONTOMORPHA	803406
BIOCHEMISTRY			SQUALIDAE	
SALMONIDAE			SQUALUS ACANTHIAS	803406
ONCORHYNCHUS	802427		OSTEOLEPIDOMORPHA	
			EUSTHENOPTERON FOORDI	803406
CAUDAL FIN MUSCLES			AMIOMORPHA	
ANATOMY			AMIA CALVA	803406
SCIAENIDAE				
ARGYROSPOMUS REGIUS	802680		EYE MUSCLES	
SCOMBRIDAE			ANATOMY	
THUNNUS THYNNUS	802680		CLUPEIDAE	
GADIDAE			CLUPEA HARENGUS	801576
POLLACHIUS VIRENS	802680		CYPRINIDAE	
			ABRAMIS BRAMA	800422
VISCERAL SKELETAL MUSCLES			ASPIUS ASPIUS	800203
ACANTHODOMORPHA			BARBUS BARBUS	801191
ACANTHODES BRONNI	803395		CYPRINUS CARPIO	800203

MUSCULAR SYSTEM (CONTINUED)	BATHYLACO NIGRICANS FUNCTION	801576	CHILOSCYLLIUM INDICUM	801651
	PERCIDAE		CHANNIFORMES	
	PERCA FLUVIATILIS	801898	OPHICEPHALUS PUNCTATUS	801651
ELECTRIC ORGANS	STIZOSTEDION LUCIOPERCA	801898	MUGILOIDEI	
	SERRANIDAE	801385	MUGIL DUSSUMIERI	801651
	CLUPEIDAE		CARANGIDAE	
	CLUPEA HARENGUS	801898	CARANX HIPPOS	801651
	CYPRINIDAE	801898	SCATOPHAGIDAE	
	LOPHIIDAE		SCATOPHAGUS ARGUS	801651
	LOPHIUS PISCATORIUS	801898	THERAPONIDAE	
	OSMERIDAE		THERAPON JARBUA	801651
	OSMERUS EPERLANUS	801898	POLYNEMOIDEI	
ULTRASTRUCTURE			POLYNEMUS TETRADACTYLUS	801651
SALMONIDAE			CYNOGLOSSIDAE	
SALMO GAIRDNERII		801060	CYNOGLOSSUS	801651
ABNORMALITY			BELONIDAE	
SILURIDAE			BELONE STRONGYLURUS	801651
SILURUS GLANIS		803032	EXOCOETIDAE	
FUNCTION			HEMIRAMPHUS CANTORI	801651
NERVOUS ELECTROPHYSIOLOGY			CHIROCENTRIDAE	
TELEOSTEI		802181	CHIROCENTRUS DORAB	801651
SPATIAL ORIENTATION			CLUPEIDAE	
CYPRINIDAE			HILSA ILISHA	801651
CARASSIUS AURATUS		801253	CYPRINIDAE	
		803440	BARBUS SARANA	801651
DEVELOPMENT			CIRRHINA MRIGALA	801651
DESCRIPTIVE EVOLUTION			LABEO ROHITA	801651
PETROMYZONTOMORPHA		803406	HETEROPNEUSTIDAE	
SQUALIDAE			HETEROPNEUSTES FOSSILIS	801651
SQUALUS ACANTHIAS		803406	BIOCHEMISTRY	
RHIPIDISTIA		803406	SCOMBRIDAE	
COELACANTHINI		803406	THUNNUS ALBACARES	800486
AMIO MORPHA			CYPRINIDAE	
AMIA CALVA		803406	CYPRINUS CARPIO	800467
			COMPARATIVE ENZYMOLOGY	
			SCOMBRIDAE	
			SCOMBER SCOMBRUS	802377
			EXERCISE	
			SALMONIDAE	
			SALMO TRUTTA	802676
GUT MUSCLES			FUNCTION	
FUNCTION			TEMPERATURE	
CYPRINIDAE		801164	CORYPHAENIDAE	
TINCA TINCA			CORYPHAENA HIPPURUS	802554
EXPERIMENTAL ANALYSIS			ISTIOPHORIDAE	
TEMPERATURE			TETRAPTERUS AUDAX	802554
CYPRINIDAE		801166	SCOMBRIDAE	
TINCA TINCA			EUTHYNNUS LINEATUS	802554
			SCOMBEROMORUS SIERRA	802554
			SPHYRAENOIDEI	
			SPHYRAENA ENSIS	802554
HEART MUSCULATURE			ANATOMY	
ULTRASTRUCTURE			SCOMBRIDAE	801216
SALMONIDAE			EXPERIMENTAL ANALYSIS	
SALMO TRUTTA		800935	BIOCHEMISTRY	
BIOCHEMISTRY			GOBIIDAE	
MYXINOMORPHA			GOBIUS MELANOSTOMUS	802231
MYXINE GLUTINOSA		800424	CARANGIDAE	
			TRACHURUS MEDITERRANEUS	802025
				802231
			HISTOLOGY	
			LIPID AND FATTY ACID CONTENT	
BLOOD VESSEL MUSCULATURE			BIOCHEMISTRY	
HISTOLOGY			CHANNIFORMES	
VENOUS SYSTEM			CHANNA PUNCTATA	801651
CYPRINIDAE			MYOGENS	
CYPRINUS CARPIO		803175	BIOCHEMISTRY	
EXPERIMENTAL ANALYSIS			CYPRINIDAE	
MYXINOMORPHA			CYPRINUS CARPIO	801973
EPTATRETUS STOUTII		800208		
			MUSCULAR ELECTROPHYSIOLOGY	
GAS BLADDER MUSCLES			COTTIDAE	
ULTRASTRUCTURE			COTTUS SCORPIUS	800301
BATRACHOIDIFORMES			RED MUSCLES	
OPSANUS TAU		800778	AXIAL SKELETAL MUSCLES	
BIOCHEMISTRY			CARANGIDAE	
TRIGLIDAE			TRACHURUS MEDITERRANEUS	802025
PRIONOTUS EVOLANS		802224		
PRIONOTUS CAROLINUS		802224		
FUNCTION				
AVOIDANCE RESPONSES			MUSCLE CONTRACTILE PROCESS	
SALMONIDAE			CYPRINIDAE	
ONCORHYNCHUS NERKA		802419	LEUCISCUS RUTILUS	800881
RED MUSCLES			ELECTRIC ORGANS	
SALMONIDAE			ULTRASTRUCTURE	
SALMO GAIRDNERII		800295	TORPEDINIDAE	
DNA CONTENT AND FUNCTION			TORPEDO MARMORATA	800022
RNA CONTENT AND FUNCTION			GYMNOTIDAE	800815
CARANGIDAE			GYMNARCHIDAE	
SERIOLA QUINQUERADIATA		802889	GYMNARCHUS NILOTICUS	800815
CYPRINIDAE			MORMYRIDAE	
CYPRINUS CARPIO		802889	GNATHONEMUS	800815
SALMONIDAE		802889	BIOCHEMISTRY	
ANATOMY			TORPEDINIDAE	
CYPRINIDAE			TORPEDO MARMORATA	800022
CYPRINUS CARPIO		800467	ATP ASE CONTENT AND FUNCTION	
HISTOLOGY			ELECTROPHORIDAE	
BIOCHEMISTRY			ELECTROPHORUS ELECTRICUS	800189
LIPID AND FATTY ACID CONTENT				803114
SCYLIORHINIDAE				





NERVOUS SYSTEM  
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CALLIONYMOIDEI			ANGUILLA JAPONICA	803183
CALLIONYMUS LUNATUS	803183		CONGRIDAE	
GOBIIDAE			CONGER MYRIASTER	803183
ACANTHOGOBIIUS FLAVIMANUS	803183		MURAENESOCIDAE	
CHAETURICHTHYS HEXANEMA	803183		MURAENESOX CINEREUS	803183
CRYPTOCENTRUS FILIFER	803183		OPHICHTHIDAE	
MOGURNDIA OBSCURA	803183		MYSTRIOPHIS PORPHYREUS	803183
ODONTAMBLYOPUS RUBICUNDUS	803183		COBITIDAE	
LABRIDAE			MISGURNUS ANGUILLICAUDATUS	803183
HALICHOERES POECILOPTERUS	803183		CYPRINIDAE	
MUGILOIDEI			ACHEILOGNATHUS LANCEOLATA	803183
MUGIL CEPHALUS	803183		CARASSIUS AURATUS	803183
CARANGIDAE			CYPRINUS CARPIO	803183
ALECTIS CILIARIS	803183		PSEUDOGOBIO ESOCINUS	803183
SERIOLA QUINQUERADIATA	803183		TRIBOLODON HAKONENSIS	803183
TRACHURUS JAPONICUS	803183		BAGRIDAE	
CORYPHAENIDAE			PELTEOBAGRUS UNICEPS	803183
CORYPHAENA HIPPIURUS	803183		SILURIDAE	
EMBIOTOCIDAE			PARASILURUS ASOTUS	803183
DITREMA TEMMINCKI	803183		GADIDAE	
KYPHOSIDAE			GADUS MACROCEPHALUS	803183
GIRELLA PUNCTATA	803183		THERAGRA CHALCOGRAMMUS	803183
MULLIDAE			ANTENNARIIDAE	
UPENEUS BENSASI	803183		HISTRIO HISTRIO	803183
OPLEGNATHIDAE			LOPHIIDAE	
OPLEGNATHUS FASCIATUS	803183		LOPHIUS LITULON	803183
POMADASYIDAE			ARGENTINIDAE	
PARAPRISTIPOMA TRILINEATUM	803183		ARGENTINA SEMIFASCIATA	803183
PRIACANTHIDAE			SYNDONTIDAE	
PRIACANTHUS MACRACANTHUS	803183		SAURIDA UNDOSSQUAMIS	803183
SCIAENIDAE			OSMERIDAE	
ARGYROSPOMUS ARGENTATUS	803183		HYPOMESUS OLIDUS	803183
SERRANIDAE			PLECOGLOSSIDAE	
COREOPERCA KAWAMEBARI	803183		PLECOGLOSSUS ALTIVELIS	803183
DOEDERLEINIA BERYCOIDES	803183		SALMONIDAE	
EPINEPHELUS FARIO	803183		ONCORHYNCHUS KETA	803183
LATEOLABRAX JAPONICUS	803183		ONCORHYNCHUS MASOU	803183
SILLAGINIDAE			ONCORHYNCHUS NERKA	803183
SILLAGO SIHAMA	803183		SALMO GAIRODERII	803183
SPARIDAE			SALVELINUS FONTINALIS	803183
ACANTHOPAGRUS SCHLEGELI	803183		SALVELINUS PLUVIUS	803183
DENTEX TUMIFRONS	803183		GONOSTOMATIDAE	
PAGRUS MAJOR	803183		MAUROLICUS JAPONICUS	803183
SCOMBRIDAE			HISTOLOGY	
EUTHYNNUS AFFINIS	803183		LABRIDAE	
EUTHYNNUS PELAMIS	803183		CRENILABRUS TINCA	800635
SCOMBER JAPONICUS	803183		ULTRASTRUCTURE	
SCOMBEROMORUS NIPHONIUS	803183		CARCHARHINIDAE	
THUNNUS THYNNUS	803183		GALEOCERDO CUVIERI	801341
TRICHIURIDAE			ORECTOLOBIIDAE	
TRICHIURUS LEPTURUS	803183		GINGLYMOSTOMA CIRRHATUM	801341
SPHYRAENOIDEI			SPHYRNIDAE	
SPHYRAENA PINGUIS	803183		SPHYRNA ZYGAEANA	801341
TRICHODONTIDAE			CENTRARCHIDAE	
ARCTOSCOPUS JAPONICUS	803183		LEPOMIS GIBBOSUS	800807
URANOSCOPIIDAE			LARVA	
GNATHAGNUS ELONGATUS	803183		PETROMYZONTOMORPHA	
BOTHIDAE			LAMPETRA PLANERI	801502
PARALICHTHYS OLIVACEUS	803183		BIOCHEMISTRY	
PLEURONECTIDAE			DIPNOI	
GLYPTOCEPHALUS STELLERI	803183		PROTOPTERUS ANNECTENS	801267
HIPPOGLOSSOIDES DUBIUS	803183		PROTOPTERUS AETHIOPICUS	800175
HIPPOGLOSSUS STENOLEPIS	803183		CYPRINIDAE	
LIMANDA HERZENSTEINI	803183		CARASSIUS CARASSIUS	800514
TANAKIUS KITAHARAI	803183		CARASSIUS AURATUS	800211
AGONIDAE				800650
PODOTHECUS SACHI	803183			800831
COTTIDAE				800805
FURCINA ISHIKAWAI	803183		CYPRINUS CARPIO	
CYCLOPTERIDAE			PLOTOSIDAE	
CYCLOLUMPUS ASPERRIMUM	803183		CNIDOGANIS MEGASTOMUS	801284
HEXAGRAMMIDAE			LIPID AND FATTY ACID CONTENT	
HEXAGRAMMOS OTAKII	803183		CYPRINIDAE	
PLEUROGRAMMUS AZONUS	803183		CARASSIUS AURATUS	800296
PLATYCEPHALOIDEI			PROTEIN SYNTHESIS	
COCIELLA CROCODILA	803183		GLUCOSE CONTENT	
PLATYCEPHALUS INDICUS	803183		CARBOHYDRATE CONTENT	
SCORPAENIDAE			CYPRINIDAE	
SEBASTES INERMIS	803183		BRACHYDANIO RERIO	801910
SEBASTOLOBUS MACROCHIR	803183		CARASSIUS CARASSIUS	801910
SEBASTISCUS MARMORATUS	803183		RNA CONTENT AND FUNCTION	
SYNANCEJIDAE			CYPRINIDAE	
INIMICUS JAPONICUS	803183		CARASSIUS AURATUS	803450
TRIGLIDAE			ENZYMOLGY	
CHELIDONICHTHYS KUMU	803183		CENTRARCHIDAE	
LEPIDOTRIGLA MICROPTERA	803183		LEPOMIS MACROCHIRUS	802417
BALISTIDAE			ICTALURIDAE	
NAVODON MODESTUS	803183		ICTALURUS PUNCTATUS	802417
STEPHANOLEPIS CIRRHIFER	803183		OXIDATIVE METABOLISM	
TETRAODONTIDAE			PETROMYZONTOMORPHA	
FUGU NIPHOBLES	803183		LAMPETRA FLUVIATILIS	801360
FUGU RUBRIPES	803183		SCORPAENIDAE	
FUGU VERMICULARIS	803183		SCORPAENA PORCUS	801360
ZEIDAE			ABNORMALITY	
ZEUS JAPONICUS	803183		CYPRINODONTIDAE	
EXOCOETIDAE			FUNDULUS HETEROCLITUS	801257
HEMIRAMPHUS SAJORI	803183		SILURIDAE	
PROGNICHTHYS AGOO	803183		SILURUS GLANIS	803032
SCOMBERESOCIDAE			FUNCTION	
COLOLABIS SAIRA	803183		LABRIDAE	
CLUPEIDAE			CRENILABRUS MEDITERRANEUS	800635
CLUPEA PALLASII	803183		CRENILABRUS OCELLATUS	800635
HARENGULA ZUNASI	803183		CRENILABRUS QUINQUEMACULATUS	800635
SARDINOPS MELANOSTICTA	803183		CRENILABRUS TINCA	800635
ENGRAULIDAE			LABRUS MERULA	800635
ENGRAULIS JAPONICA	803183		CENTRARCHIDAE	
ANGUILLIDAE			LEPOMIS GIBBOSUS	800635
			DEVELOPMENT	

PERCIDAE		POECILIIDAE		NERVOUS SYSTEM
ACERINA CERNUA	800799	POECILIA RETICULATA	801993	(CONTINUED)
CYPRINIDAE		CYPRINIDAE		
CARASSIUS CARASSIUS	800799	CARASSIUS CARASSIUS	801993	
CARASSIUS AURATUS	800799	FUNCTION		
ESOCIDAE		TELEOSTEI	801252	
ESOX LUCIUS	800799			
SALMONIDAE				
COREGONUS PELED	800799	<b>OPTIC TECTUM</b>		
COREGONUS SARDINELLA	800799	HISTOLOGY		
COREGONUS LAVARETUS	800799	LABRIDAE		
COREGONUS NASUS	800799	CRENILABRUS QUINQUEMACULATUS	800635	
COREGONUS MUKSUN	800799	ULTRASTRUCTURE		
ANATOMY		EXPERIMENTAL ANALYSIS		
CARANGIDAE		TELEOSTEI	803435	
TRACHURUS JAPONICUS	800919	FUNCTION		
ACETYLCHOLINESTERASE		MURAENIDAE		
BIOCHEMISTRY		GYMNOTHORAX FUNEBRIS	802665	
CENTRARCHIDAE		BATRACHOIDIFORMES		
LEPOMIS MACROCHIRUS	802390	OPSANUS TAU	802665	
ICTALURIDAE		EXPERIMENTAL ANALYSIS		
ICTALURUS PUNCTATUS	802390	CYPRINIDAE		
PLASMALOGENS		CARASSIUS AURATUS	803436	
BIOCHEMISTRY		BIOCHEMISTRY		
LIPID AND FATTY ACID CONTENT		CYPRINIDAE		
CYPRINIDAE		BRACHYDANIO RERIO	800845	
CARASSIUS AURATUS	803134	CARASSIUS CARASSIUS	800845	
		LIPID METABOLISM		
		CYPRINIDAE		
		BRACHYDANIO RERIO	801408	
<b>TELENCEPHALON</b>		FUNCTION		
ANATOMY		CYPRINIDAE		
DIPNOI	803441	CARASSIUS AURATUS	803440	
TELEOSTEI	803441	EXPERIMENTAL ANALYSIS		
PERCIDAE		SERRANIDAE		
PERCA FLUVIATILIS	800695	PARALABRAX CLATHRATUS	801385	
TRICHIURIDAE		PARALABRAX NEBULIFER	801385	
APHANOPUS CARBO	802655	PARALABRAX MACULOFASCIATUS	801385	
HISTOLOGY				
CARCHARHINIDAE				
GALEOCERDO CUVIERI	800817			
ORECTOLOBIDAE				
GINGLYMOSTOMA CIRRATUM	800817			
FUNCTION				
MEMORY MECHANISMS		<b>METENCEPHALON</b>		
CYPRINIDAE		NERVOUS ELECTROPHYSIOLOGY		
CARASSIUS AURATUS	803444	CARCHARHINIDAE		
DESCRIPTIVE EVOLUTION		MUSTELUS CANIS	802179	
TELEOSTEI	803443		802186	
EXPERIMENTAL ANALYSIS		ANATOMY		
RNA CONTENT AND FUNCTION		FUNCTION		
ARIIDAE		SQUALOMORPHA	802020	
GALEICHTHYS FELIS	803035	TELEOSTEI	802020	
AVOIDANCE CONDITIONING		HISTOLOGY		
CYPRINIDAE		FUNCTION		
CARASSIUS AURATUS	803289	GADIDAE		
		ELEGINUS NAVAGA	802245	
		GADUS MORHUA	802245	
		FUNCTION		
		CHANNIFORMES		
		OPHICEPHALUS ARGUS	801009	
<b>DIENCEPHALON</b>				
ANATOMY				
PERCIDAE		<b>MEDULLA OBLONGATA</b>		
PERCA FLUVIATILIS	800695	NERVOUS ELECTROPHYSIOLOGY		
POECILIIDAE	800695	SQUALIDAE		
CYPRINIDAE	800695	SQUALUS ACANTHIAS	802261	
<b>MESENCEPHALON</b>				
HISTOLOGY		<b>CRANIAL NERVES</b>		
RAJIDAE		ANATOMY		
RAJA CLAVATA	802463	OSTEOLEPIDOMORPHA		
CARCHARHINIDAE		EUSTHENOPTERON FOORDI	803406	
MUSTELUS MUSTELUS	802463	AMIOMORPHA		
SCYLIORHINIDAE		AMIA CALVA	803406	
SCYLIORHINUS CANICULUS	802463	TELEOSTEI	803183	
SQUALIDAE		CYNOGLOSSIDAE		
SQUALUS ACANTHIAS	802463	CYNOGLOSSUS BILINEATUS	800821	
LABRIDAE				
LABRUS BIMACULATUS	802463			
MUGILOIDEI				
MUGIL CEPHALUS	802463			
KYPHOSIDAE		<b>OLFACTORY NERVE</b>		
BOOPS SALPA	802463	NERVE DEGENERATION		
BOOPS BOOPS	802463	ORECTOLOBIDAE		
SERRANIDAE		GINGLYMOSTOMA CIRRATUM	800817	
SERRANUS SCRIBA	802463	REGENERATION		
SPARIDAE		CYPRINIDAE		
DIPLODUS ANNULARIS	802463	CARASSIUS AURATUS	803442	
URANOSCOPIIDAE		CYPRINUS CARPIO	803442	
URANOSCOPIUS SCABER	802463	ULTRASTRUCTURE		
SCORPAENIDAE		CYPRINIDAE		
SCORPAENA SCROFA	802463	CARASSIUS CARASSIUS	801251	
SCORPAENA PORCUS	802463		801428	
CLUPEIDAE				
CLUPEA ALOSA	802463			
ANGUILLIDAE				
ANGUILLA ANGUILLA	802463			
CYPRINIDAE		<b>OPTIC NERVE</b>		
CARASSIUS CARASSIUS	800163	HISTOLOGY		
SALMONIDAE		CYPRINIDAE		
SALMO GAIARDNERII	802463	CARASSIUS AURATUS	800813	
BIOCHEMISTRY		BIOCHEMISTRY		
FUNCTION				



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CARASSIUS AURATUS	800165	BATHYCLUPEIDAE		NERVOUS SYSTEM
EXPERIMENTAL ANALYSIS		BATHYCLUPEA ARGENTATA	800249	(CONTINUED)
CYPRINIDAE		PERCIDAE		
CARASSIUS AURATUS	800165	PERCA FLUVIATILIS	800249	
FUNCTION		SCIAENIDAE		SENSORY SYSTEMS
CYPRINIDAE		APLODINOTUS GRUNNIENS	800249	
CARASSIUS AURATUS	803287	EQUETES ACUMINATUS	800249	
TINCA TINCA	803287	PLEURONECTIDAE		
DEVELOPMENT		REINHARDTIUS HIPPOGLOSSOIDES	800249	
GADIDAE		BALISTIDAE		
GADUS MORHUA	801462	CANTHERINES AMPHIOXUS	800249	
		ZEIDAE		
		CAPROMIMUS ABBREVIATUS	800249	
		PHALLOSTETHIDAE		
		NEOSTETHUS SIAMENSIS	800249	
		NOTACANTHIDAE		
		NOTACANTHUS PHASGANORUS	800249	
		CYPRINIDAE		
		NOTEMIGONUS CRYSOLEUCAS	800249	
		ICTALURIDAE		
		ICTALURUS NEBULOSUS	800249	
		BATRACHOIDIFORMES		
		PORICHTHYS NOTATUS	800249	
		GADIDAE		
		GADUS MORHUA	800249	
		OPHIDIIDAE		
		BROSMICHTHYS MARGINATUS	800249	
		GOBIESOCIFORMES		
		GOBIESOX MAEANDRICUS	800249	
		LOPHIIDAE		
		LOPHIUS AMERICANUS	800249	
		PERCOPSIDAE		
		PERCOPSIS OMISCOMAYCUS	800249	
		ANATOMY		
		AGONIDAE		
		ASPIDOPHOROIDEA OLRIKII	800249	
		BATHYAGONUS NIGRIPINNIS	800249	
		LEPTAGONUS DECAGONUS	800249	
		COMEPHORIDAE		
		COMEPHORUS DYBOWSKII	800249	
		COTTIDAE	800249	
		CYCLOPTERIDAE		
		LIPARIS HERSCHELINUS	800249	
		SCORPAENIDAE		
		SCORPAENA GUTTATA	800249	
		SEBASTODES CAURINUS	800249	
		TRIGLIDAE		
		PRIONOTUS CAROLINUS	800249	
		SYNBRANCHIDAE		
		MONOPTERUS JAVANENSIS	800249	
		ATHERINIDAE		
		MENIDIA MENIDIA	800249	
		CYPRINODONTIDAE		
		FUNDULUS HETEROCLITUS	800249	
		SCOMBERESCIDAE		
		COLOLABIS SAIRA	800249	
		CLUPEIDAE		
		DOROSOMA CEPEDIANUM	800249	
		ANGUILLIDAE		
		ANGUILLA ROSTRATA	800249	
		COBITIDAE		
		ACANTHOPSIS	802682	
		COBITIS TAENIA	802683	
		MORMYRIDAE	800642	
		HISTOLOGY		
		DIPNOI		
		URANOLOPHUS WYOMINGENSIS	803072	
		DEVELOPMENT		
		DESCRIPTIVE EVOLUTION		
		DIPNOI		
		DIPTERUS VALENCIENNESI	803401	
		PROTOPTERUS AETHIOPICUS	803401	
		PROTOPTERUS DOLLOI	803401	
		SCAUMENACIA CURTA	803401	
		HISTOLOGY		
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	800093	
		FUNCTION		
		CYPRINIDAE		
		HYBOPSIS	800783	
		DEVELOPMENT		
		CHANNIFORMES		
		OPHICEPHALUS PUNCTATUS	802062	
		Gobiidae		
		GobiUS STRIATUS	802062	
		CYPRINIDAE		
		CIRRHINA MRIGALA	802062	
		BIOCHEMISTRY		
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	800093	
		ABNORMALITY		
		CARANGIDAE		
		TRACHURUS SYMMETRICUS	802879	
		GADIDAE		
		GADUS MORHUA	801462	
		FUNCTION	800249	
		COTTIDAE	800249	
		DEVELOPMENT		
		ANATOMY		
		CLUPEIDAE		
		DOROSOMA PETENENSE	800784	
		DESCRIPTIVE EVOLUTION		
		DIPNOI		
		NEOCERATODUS FORSTERI	803416	
		DESCRIPTIVE EVOLUTION	800249	
		DDT		
		EXPERIMENTAL ANALYSIS		
AUTONOMIC NERVOUS SYSTEM				
HISTOLOGY				
BIOCHEMISTRY				
ANGUILLIDAE				
ANGUILLA OCCIDENTALIS	801618			
SALMONIDAE				
SALMO GAIARDNERII	801618			
SALMO TRUTTA	801618			
ULTRASTRUCTURE				
PARS INTERMEDIA				
GASTEROSTEIDAE				
GASTEROSTEUS ACULEATUS	801314			
EXPERIMENTAL ANALYSIS				
CYPRINIDAE				
TINCA TINCA	801164			
DEVELOPMENT				
CYPRINIDAE				
BRACHYDANIO RERIO	800347			
TACTILE SENSITIVITY ORGANS				
DEVELOPMENT				
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801109			
LATERAL LINE				
CYPRINIDAE				
RHODEUS SERICEUS X				
PARACHEILOGNATHUS TABIRA X	800665			
LARVAL SENSE ORGANS				
CLUPEIDAE				
BREVOORTIA TYRANNUS	800416			
FUNCTION				
TELEOSTEI	801501			
CYPRINIDAE				
CARASSIUS AURATUS	800967			
DEVELOPMENT				
ATHERINIDAE				
MENIDIA BERYLLINA	801187			
MENIDIA MENIDIA	801187			
DEVELOPMENT				
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801109			
LATERAL LINE PORES AND CANALS				
THELODONTOMORPHA				
PHLEBOLEPIS ELEGANS	801556			
COCCOSTEOMORPHA				
COCCOSTEUS CUSPIDATUS	800701			
COCHLIODONTOMORPHA				
MENASPIS ARMATA	803399			
CYPRINODONTIDAE	801988			
CONGRIDAE				
DIPLOCONGER POLYSTIGMATUS	800710			
MURAENESOCIDAE	800402			
NEMICHTHYIDAE				
BORODINULA INFANS	800710			
OPHICHTHIDAE				
ECHELUS MYRUS	802712			
ECHELUS PACHYRHYNCHUS	802712			
MYROPHIS PLUMBEUS	802712			
XENOCOGRIDAE	801919			
BARBOURISIIDAE				
BARBOURISIA RUFA	802456			
PARALEPIDIDAE				
UNCISUDIS LONGIROSTRA	800742			
INFRASPECIFIC VARIATION				
BLENNIIDAE				
BLENNIUS ZVONIMIRI	803062			
BLENNIUS INCOGNITUS	803062			
ISTIOPHORIDAE	803380			
STRUCTURE				
AMIA MORPHA				
AMIA CALVA	800249			
SEMIONOTOMORPHA				
LEPISOSTEUS OSSEUS	800249			
GASTEROSTEIDAE				
GASTEROSTEUS ACULEATUS	800249			
ANABANTIDAE				
ANABAS TESTUDINEUS	800249			
Gobiidae				
DORMITATOR LATIFRONS	800249			
MASTACEMBELIDAE				
MACROGNATHUS ACULEATUS	800249			

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INSECTICIDE POLLUTANTS  
SALMONIDAE  
SALVELINUS FONTINALIS

802605

NEUROMASTS

DIPNOI  
LEPIDOSIREN PARADOXA 803294  
PROTOPTERUS 803294  
POLYPTEROMORPHA  
CALAMOICHTHYS CALABARICUS 803294  
POLYPTERUS DELHEZI 803294  
ANATOMY  
GOBIIDAE  
GOBIUS STRIATUS 802062  
COBITIDAE  
ACANTHOPSIS 802682  
COBITIS TAENIA 802683  
CYPRINIDAE  
CIRRHINA MRIGALA 802062  
FUNCTION  
CARCHARINIDAE  
CARCHARINUS MELANOPTERUS 803278  
CARCHARINUS MENISORRAH 803278  
SPHYRNIDAE  
SPHYRNA LEWINI 803278  
DEVELOPMENT  
CLUPEIDAE  
DOROSOMA PETENENSE 800784  
EXPERIMENTAL ANALYSIS  
ICTALURIDAE  
ICTALURUS NEBULOSUS 800162  
DEVELOPMENT  
HISTOLOGY  
CYPRINIDAE  
HYBOPSIS 800783  
HYBOPSIS CRAMERI 800783

PIT ORGANS

CYPRINIDAE  
CIRRHINA REBA 801192

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CARCHARINIDAE  
CARCHARINUS 802409  
RHIZOPRIONODON 802409  
ORECTOLOBIDAE  
GINGLYMOSTOMA CIRRHATUM 802409  
LUTJANIDAE 802409  
POMADASYIDAE  
HAEMULON ALBUM 802409  
SERRANIDAE 802409  
MALAPTERURIDAE  
MALAPTERURUS ELECTRICUS 800677

LABYRINTH

ISTIOPHORIDAE  
TETRAPTERUS PFLUEGERI 803380  
ANATOMY  
PETROMYZONTOMORPHA  
LAMPETRA FLUVIATILIS 800552  
ULTRASTRUCTURE  
PETROMYZONTOMORPHA  
LAMPETRA FLUVIATILIS 800552  
EXPERIMENTAL ANALYSIS  
CYPRINIDAE  
CARASSIUS AURATUS 801614  
SOUND RECEPTION  
CYPRINIDAE  
CARASSIUS AURATUS 801269  
DESCRIPTIVE EVOLUTION  
PETROMYZONTOMORPHA  
LAMPETRA FLUVIATILIS 800552

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PARAPRIACANTHUS 802959  
PEMPHERIS 802959  
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COTTIDAE  
COTTUS SCORPIUS 802263  
ANATOMY  
SERRANIDAE  
DICENTRARCHUS LABRAX 802669  
HISTOLOGY  
BIOCHEMISTRY  
SALMONIDAE  
SALMO GAIARDNERII 801852

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ACIPENSEROMORPHA  
ACIPENSER STURIO 801687  
PALEONISCIFORMES 801687  
PHOLIDOPLEURIFORMES 801687  
POLYPTEROMORPHA  
CALAMOICHTHYS CALABARICUS 801687  
POLYPTERUS SENEGALIS 801687  
AMOMORPHA  
AMIA CALVA 801687  
SEMIONOTOMORPHA  
TELEOSTEI 801687  
CHANNIFORMES 803012  
BADIDAE  
BADIS BADIS 803012  
BLENNIIDAE 802433  
GOBIIDAE  
GOBIUS 802927  
SCIAENIDAE 802927  
CONGRIDAE  
ANAGO ANAGO 800710  
ARIOSOMA SOMALIENSE 800710  
CONGER DURUS 802927  
DIPLOCONGER POLYSTIGMATUS 800710  
LEMKEA HETEROLINEA 800710  
PSEUDOPHICHTHYS MACROPORIS 800710  
RHYNCHOCONGER ECTENURUS 800710  
MORINGUIDAE  
MORINGUA MICROCHIR 800710  
NEMICHTHYIDAE  
BORODINULA INFANS 800710  
NETTASTOMATIDAE  
NETTASTOMA ELONGATUM 800710  
OPHICHTHIDAE  
MYROPHIS LEPTURUS 800710  
XENOCONGRIDAE  
ROBINIA CATHARINAE 800710  
LEPTOLEPIDOMORPHA 801687  
ARIIDAE  
ARIUS SONA 800710  
ARIUS THALASSINUS 800710  
MORMYRIDAE  
CAMPYLOMORMYRUS 801507  
ANATOMY  
BERYCIDAE  
BERYX DECACTYLUS 802517  
DIRETMIDAE  
DIRETMUS ARGENTUS 802517  
TRACHICHTHYIDAE  
GEPHYROBERYX DARWINI 802517  
HOPLOSTETHUS MEDITERRANEUS 802517  
HOPLOSTETHUS ATLANTICUS 802517  
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DACTYLOPTERUS VOLITANS 802517  
ACANTHURIDAE  
ACANTHURUS MONROVIAE 802517  
AMMODYTIDAE  
AMMODYTES TOBIANUS 802517  
HYPEROPLUS LANCEOLATUS 802517  
ANARHCHADIDAE 802517  
STICHAELIDAE  
LUMPENUS LAMPRETAIFORMIS 802517  
CALLIONYMOIDEI  
CALLIONYMUS PHAETON 802517  
CALLIONYMUS MACULATUS 802517  
CALLIONYMUS LYRA 802517  
GOBIIDAE  
POMATOSCHISTUS MINUTUS 802517  
LABRIDAE 802517  
SCARIDAE  
SCARUS HOEFLEI 802517  
APOGONIDAE  
EPIGONUS TELESCOPUS 802517  
SYNAGROPS MICROLEPIS 802517  
BRANCHIOSTEGIDAE  
LATILUS SEMIFASCIATUS 802517  
CARANGIDAE 802517  
CEPOLIDAE  
CEPOLA PARCIRADIATA 802517  
CHAETODONTIDAE  
CHAETODON LUCIAE 802517  
CHAETODON MARCELLAE 802517  
CHAETODON HOEFLEI 802517  
EMMELICHTHYIDAE  
ERYTHROCLES MONODI 802517  
SMARIS MACROPHthalmus 802517  
EPHIPPIDAE  
DREPANE AFRICANA 802517  
EPHIPPIUS GOREENSIS 802517  
GERREIDAE  
EUCINOSTOMUS MELANOPTERUS 802517  
KYPHOSIDAE  
BOOPS BOOPS 802517  
LETHRINIDAE  
LETHRINUS ATLANTICUS 802517  
LUTJANIDAE  
APSIUS FUSCUS 802517  
LUTJANUS FULGENS 802517  
LUTJANUS GOREENSIS 802517  
MULLIDAE  
MULLUS SURMULETUS 802517  
PSEUDUPENEUS PRAYENSIS 802517  
POMACENTRIDAE  
CHROMIS LINEATUS 802517  
POMADASYIDAE 802517  
POMATOMIDAE  
HYPOCLYDONIA BELLA 802517  
PRIACANTHIDAE



PRIACANTHUS ARENATUS	802517	CLUPEIDAE		SENSORY SYSTEMS
SCIAENIDAE	802517	CLUPEA HARENGUS	802583	(CONTINUED)
SERRANIDAE		FUNCTION		
ANTHIAS ANTHIAS	802517	TELEOSTEI	802543	
EPINEPHELUS AENEUS	802517			
NEANTHIAS ACCRAENSIS	802517			
SPARIDAE	802517			
POLYNEMOIDEI		LAPILLUS		
GALEOIDES DECADACTYLUS	802517	FUNCTION		
PENTANEMUS QUINQUARIUS	802517	ANOSTOMIDAE		
SCOMBRIDAE		ABRAMITES MICROCEPHALUS	801957	
SCOMBER SCOMBRUS	802517	CHARACIDAE		
TRICHIURIDAE		THAYERIA OBLIQUA	801957	
APHANOPUS CARBO	802517	CHILODONTIDAE		
TRICHIURUS LEPTURUS	802517	CHILODUS PUNCTATUS	801957	
SPHYRAENOIDEI		HEMIODONTIDAE		
SPHYRAENA DUBIA	802517	HEMIODUS SEMITAENIATUS	801957	
SPHYRAENA PISCATORUM	802517	LEBIASINIDAE		
ARIOMMIDAE		POECILOBRYCON EQUES	801957	
ARIOMMA LEDANOISI	802517			
ARIOMMA MULTISQUAMIS	802517			
STROMATEIDAE				
STROMATEUS FIATOLA	802517			
PERCOPHIDAE		SAGITTA		
BEMBROS HETERURUS	802517	MELAMPHAEIDAE		
TRACHINIDAE	802517	SCOPELOGADUS BISPINOSUS	802598	
URANOSCOPIDAE	802517	SCIAENIDAE		
BOTHIDAE		SCIAENOPS OCELLATA	801790	
LEPIDORHOMBUS WHIFFIAGONIS	802517	SERIPHUS POLITUS	802598	
PSETTA MAXIMA	802517	CENTROLOPHIDAE	802598	
CYNOGLOSSIDAE		ICHTHYS LOCKINGTONI	802598	
CYNOGLOSSUS CANARIENSIS	802517	TRIACANTHIDAE		
PLEURONECTIDAE	802517	TRIPODICHTHYS BLOCHI	801918	
SCOPHTHALMIDAE		TRIACANTHODIDAE	801918	
SCOPHTHALMUS RHOMBUS	802517	TRIACANTHODES ANOMALUS	801918	
SOLEIDAE		GRAMMICOLEPIDIDAE		
BUGLOSSIDIUM LUTEUM	802517	XENOLEPIDICHTHYS DALGLEISHI	801655	
DICOLOGLOSSA CUNEATA	802517	OREOSOMATIDAE		
SOLEA SOLEA	802517	PSEUDOCYTTUS MACULATUS	801655	
AGONIDAE		EXOCOETIDAE		
AGONUS CATAPHRACTUS	802517	OXYPORHAMPUS MICROPTERUS	802598	
LEPTAGONUS DECAGONUS	802517	SCOMBERESOCIDAE		
COTTIDAE		COLLABIS SAIRA	802598	
COTTUNCULIDAE		ENGRAULIDAE		
COTTUNCULUS MICRUPS	802517	ENGRAULIS MORDAX	802598	
CYCLOPTERIDAE		CONGRIDAE	802598	
CAREPROCTUS REINHARDTII	802517	BATRACHOIDIFORMES		
CYCLOPTERUS LUMPUS	802517	PORICHTHYS	801188	
SCORPAENIDAE	802517	PORICHTHYS NOTATUS	802598	
TRIGLIDAE	802517	BREGMACEROTIDAE		
CAPROIDAE		BREGMACEROS BATHYMASTER	802598	
ANTIGONIA CAPROS	802517	MACROURIDAE	802598	
ZEIDAE		COELORHYNCHUS	802598	
ZENOPSIS CONCHIFER	802517	MERLUCCIIDAE		
ZEUS FABER	802517	MERLUCCIUS MERLUCCIUS	803131	
BELONIDAE		MERLUCCIUS PRODUCTUS	802598	
BELONE BELONE	802517	MERLUCCIUS SENEGALENSIS	803131	
EXOCOETIDAE		MORIDAE	802598	
CYPSSELURUS PINNATIBARBATUS	802517	OPHIDIIDAE		
CLUPEIDAE	802517	OTOPHIDIUM TAYLORI	802598	
ENGRAULIDAE		ARGENTINIDAE		
ENGRAULIS ENCRASICOLUS	802517	ARGENTINA SIALIS	802598	
MURAEENOCIDAE		GLOSSANODON	802598	
PHYLLOGRAMMA REGANI	802517	NANSENIA	802598	
ALBULIDAE		BATHYLAGIDAE		
ALBULA VULPES	802517	BATHYLAGUS	802598	
ELOPIDAE		MYCTOPHIDAE	802598	
ELOPS LACERTA	802517	PARALEPIDIDAE		
NOTACANTHIDAE		STEMONOSUDIS	802598	
NOTACANTHUS PHASGANORUS	802517	SCOPELARCHIDAE		
BATRACHOIDIFORMES		BENTHABELLA	802598	
BATRACHOIDES DIDACTYLUS	802517	GONOSTOMATIDAE	802598	
GADIDAE	802517	ICHTHYOCOCCUS	802598	
MACROURIDAE	802517	VINCIGUERRIA LUCETIA	802598	
MERLUCCIIDAE		STERNOPTYCHIDAE		
MERLUCCIUS POLLI	802517	POLYIPNUS	802598	
MERLUCCIUS MERLUCCIUS	802517	ANATOMY		
MORIDAE	802517	FUNCTION		
OPHIDIIDAE		MELAMPHAEIDAE	801569	
BROTULA BARBATA	802517	IDENTIFICATION		
ZOARCIDAE		MYCTOPHIDAE		
LYCODES VAHLII	802517	LAMPADENA	803087	
LYCODES ESMARKI	802517	ABNORMALITY		
ZOARCES VIVIPARUS	802517	GADIDAE		
ANTENNARIIDAE		POLLACHIUS VIRENS	802924	
ANTENNARIUS SCABER	802517	DEVELOPMENT		
CHAUNACIDAE		MERLUCCIIDAE		
CHAUNAX PICTUS	802517	MERLUCCIUS CADENATI	803131	
LOPHIIDAE		ANATOMY		
LOPHIUS PISCATORIUS	802517	ABNORMALITY		
ALEPOCEPHALOIDEI		SERRANIDAE		
ALEPOCEPHALUS BAIRDII	802517	DICENTRARCHUS LABRAX	802669	
ARGENTINIDAE				
ARGENTINA SPHYRAENA	802517			
ARGENTINA SILUS	802517			
AULOPODIDAE		SOUND RECEPTION		
AULOPUS CADENATI	802517	CARCHARINIDAE		
SYNODONTIDAE		CARCHARINUS	802409	
SAURIDA PARRI	802517	NEGAPRION BREVIROSTRIS	802226	
TRACHINOCEPHALUS MYOPS	802517	RHIZOPRIONODON	802409	
GONOSTOMATIDAE		ORECTOLOBIDAE		
MAUROLICUS MUELLERI	802517	GINGLYMOSTOMA CIRRAUM	802409	
BIOCHEMISTRY		TELEOSTEI	801666	
DEVELOPMENT			802543	
SALMONIDAE		LUTJANIDAE	802409	
SALMO GAIARDNERII	801852			
ABNORMALITY				

**SENSORY SYSTEMS  
(CONTINUED)**

POMADASYIDAE	
HAEMULON ALBUM	802409
SERRANIDAE	802409
GADIDAE	
POLLACHIUS POLLACHIUS	801950
POLLACHIUS VIRENS	801950
EXPERIMENTAL ANALYSIS	
PERCIDAE	
ACERINA CERNUA	800962
STIZOSTEDION SANDRA	800962

**AURAL SENSITIVITY AND ACUITY**

PERCIDAE	
PERCA FLUVIATILIS	800837
COTTIDAE	
COTTUS GOBIO	800837
ANGUILLIDAE	
ANGUILLA ANGUILLA	800837
COBITIDAE	
NOEMACHEILUS BARBATULUS	800837
CYPRINIDAE	
CARASSIUS AURATUS	801774
CYPRINUS CARPIO	800837
LEUCISCUS LEUCISCUS	800837
PHOXINUS PHOXINUS	800837
RUTILUS RUTILUS	800837
SQUALIUS CEPHALUS	800837
TINCA TINCA	800837
ESOCIDAE	
ESOX LUCIUS	800837
SALMONIDAE	
SALMO TRUTTA	800837
THYMALLUS THYMALLUS	800837
NERVOUS ELECTROPHYSIOLOGY	
COTTIDAE	
COTTUS SCORPIUS	802263
EXPERIMENTAL ANALYSIS	
GADIDAE	
GADUS MORHUA	802422

**AUDIOGRAM**

PERCIDAE	
ACERINA CERNUA	800962
STIZOSTEDION SANDRA	800962

**BIOPHYSICS OF SOUND**

TELEOSTEI	802543
	800837
BONE	
AXIAL SKELETAL MUSCLES	
SALMONIDAE	
COREGONUS CLUPEAFORMIS	801469

**ELECTRICAL SENSES**

MALAPTERURIDAE	
MALAPTERURUS ELECTRICUS	800677

**ELECTRICAL SENSITIVITY**

MIGRATIONS	
SALMONIDAE	802961

**GALVANOTAXIS**

CYPRINIDAE	
CARASSIUS AURATUS	800660

**ELECTRORECEPTION ORGANS**

ANATOMY	
MORMYRIDAE	800642
FUNCTION	
GYMNOTIDAE	
HYPOPOMUS	800824
APTERONOTIDAE	
STERNARCHUS LEPTORHYNCHUS	801373
GYMNOTIDAE	
EIGENMANNIA	801373
RHAMPHICHTHYIDAE	
HYPOPOMUS	801373
ICTALURIDAE	
ICTALURUS NEBULOSUS	802364
EXPERIMENTAL ANALYSIS	
RHAMPHICHTHYIDAE	
STEATOGENYS	801146
ICTALURIDAE	
ICTALURUS NEBULOSUS	800162

**MORMYROMASTS**

ANATOMY	
MORMYRIDAE	
GNATHONEMUS PETERSII	800637
	800642
GNATHONEMUS RHYNCHOPHORUS	800637
PETROCEPHALUS SIMUS	800637
FUNCTION	
MORMYRIDAE	
GNATHONEMUS PETERSII	800642
PETROCEPHALUS SIMUS	800642

**AMPULLAE OF LORENZINI**

NERVOUS ELECTROPHYSIOLOGY	
RAJIDAE	
RAJA	802183
BIOCHEMISTRY	
CHIMAEROMORPHA	
CHIMAERA MONSTROSA	800260
HYDROLAGUS AFFINIS	800260
RAJIDAE	
RAJA MONTAGUI	800260
RAJA CLAVATA	800260
RAJA BATIS	800260
RAJA NAEVUS	800260
RAJA MICROCELLATA	800260
RAJA BRACHYURUS	800260
TORPEDINIDAE	
TORPEDO NOBILIANA	800260
CARCHARHINIDAE	
GALEORHINUS GALEUS	800260
GALEUS MELANISTOMUS	800260
PRIONACE GLAUCA	800260
CETORHINIDAE	
CETORHINUS MAXIMUS	800260
SCYLIORHINIDAE	
SCYLIORHINUS CANICULUS	800260
SCYLIORHINUS STELLARIS	800260
SQUALIDAE	
SQUALUS ACANTHIAS	800260

**AMPULLARY RECEPTORS**

APTERONOTIDAE	800399
ELECTROPHORIDAE	
ELECTROPHORUS ELECTRICUS	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399
ULTRASTRUCTURE	
APTERONOTIDAE	800399
ELECTROPHORIDAE	
ELECTROPHORUS ELECTRICUS	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399
FUNCTION	
APTERONOTIDAE	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399
DESCRIPTIVE EVOLUTION	
APTERONOTIDAE	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399

**TUBEROUS RECEPTORS**

ANATOMY	
MORMYRIDAE	
GNATHONEMUS PETERSII	800637
	800642
GNATHONEMUS RHYNCHOPHORUS	800637
PETROCEPHALUS SIMUS	800637
ULTRASTRUCTURE	
FUNCTION	
MORMYRIDAE	
GNATHONEMUS PETERSII	803315
FUNCTION	
MORMYRIDAE	
GNATHONEMUS STANLEYANUS	800642
GNATHONEMUS PETERSII	800642
MARCUSENIUS BRACHISTIUS	800642
MORMYRUS DELICIOSUS	800642
MORMYRUS ZANCLIROSTRIS	800642
MORMYRUS CABALLUS	800642
PETROCEPHALUS SIMUS	800642

**MAGNETISM SENSITIVITY**

PHOTOSIDAE	
PHOTOSUS	800399

**CHEMICAL SENSES**

NOTOPTERIDAE	
NOTOPTERUS NOTOPTERUS	800290
SPECIES RECOGNITION	
INTRASPECIFIC COMMUNICATION	

ICTALURIDAE		NARIAL WATER-MOVING DEVICES		SENSORY SYSTEMS
ICTALURUS	803282	ANATOMY		(CONTINUED)
EXPERIMENTAL ANALYSIS		FUNCTION		
ANGUILLIDAE		TRICHIURIDAE		
ANGUILLA JAPONICA	800924	APHANOPUS CARBO	802655	
	800925			
		INTERNAL NARES		
COMMON CHEMICAL SENSE		DIPNOI	803403	
CENTRARCHIDAE		URANOLOPHUS WYOMINGENSIS	803072	
LEPOMIS CYANELLUS	800397	OSTEOLEPIDOMORPHA		
		PANDERICHTHYS	803037	
TASTE BUDS		NARIAL LAMELLAE		
POLYPTEROMORPHA		POLYPTEROMORPHA		
CALAMOICHTHYS CALABARICUS	803294	CALAMOICHTHYS CALABARICUS	801104	
POLYPTERUS DELHEZI	803294	POLYPTERUS	801104	
ADIPOSE FIN		ISTIOPHORIDAE	803380	
ICTALURIDAE		XIPHIIDAE		
ICTALURUS MELAS	802200	XIPHIAS GLADIUS	803380	
DEVELOPMENT				
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801109			
		GENERAL LIGHT SENSITIVITY		
		MYXINOMORPHA		
		MYXINE GLUTINOSA	800641	
NOSE		EYE		
TRIACANTHIDAE		CHANGE WITH AGE		
TRIPODICHTHYS OXYCEPHALUS	801918	TRICHOMYCTERIDAE		
TRIXIPHICHTHYS WEBERI	801918	TRICHOMYCTERUS CHABERTI	803309	
TRIACANTHODIDAE		INHERITANCE		
TRIACANTHODES ETHIOPS	801918	NONFACTORIAL GENETIC ANALYSIS		
ANATOMY		CHARACIDAE		
GASTEROSTEIDAE	800238	ASTYANAX MEXICANUS X		
BLENNIOIDEI	803019	ASTYANAX ANTROBIUS X	801262	
MASTACEMBELIDAE		BACTERIAL DISEASES		
MASTACEMBELUS LIBERIENSIS	803019	CARANGIDAE		
NOTOTHENIIDAE	803019	TRACHINOTUS OVATUS	802294	
CHEIMARRHICHTHYIDAE	803019	CICHLIDAE		
MUGILOIDIDAE	803019	TILAPIA MOSSAMBICA	802294	
POECILIIDAE	800238	POMADASYIDAE		
CYPRINIDAE	800238	DIAGRAMMA GRISEUM	802294	
ZOARCIDAE	803019	SCATOPHAGIDAE		
HISTOLOGY		SCATOPHAGUS ARGUS	802294	
POLYPTEROMORPHA		ENGRAULIDAE		
CALAMOICHTHYS CALABARICUS	801104	COILIA DUSSUMIERI	802294	
POLYPTERUS	801104	ANATOMY		
TELEOSTEI	803254	CLUPEIDAE		
TRICHIURIDAE		CLUPEA HARENGUS	801576	
APHANOPUS CARBO	802655	CYPRINIDAE		
FUNCTION		CARASSIUS AURATUS	801384	
POLYPTEROMORPHA		ALEPOCEPHALOIDEI	801576	
CALAMOICHTHYS CALABARICUS	801104	BATHYLAconoidei		
POLYPTERUS	801104	BATHYLACO NIGRICANS	801576	
DEVELOPMENT		CIRCULATORY SYSTEM		
DESCRIPTIVE EVOLUTION		RAJIDAE		
CEPHALASPIDOMORPHA	803389	RAJA OCELLATA	800945	
MYXINOMORPHA	803389	RAJA RADIATA	800945	
PETROMYZONTOMORPHA	803389	ACIPENSEROMORPHA		
PTERASPIDOMORPHA	803389	ACIPENSER OXYRHYNCHUS	800945	
DIPNOI	803403	GASTEROSTEIDAE		
ULTRASTRUCTURE		GASTEROSTEUS ACULEATUS	800945	
TELEOSTEI	800937	ANARHICHADIDAE		
FUNCTION		ANARHICHAS LUPUS	800945	
ELASMOBRANCHII	802627	ANARHICHAS MINOR	800945	
TELEOSTEI	802627	PHOLIDIDAE		
CICHLIDAE		PHOLIS GUNNELLUS	800945	
CICHLASOMA NIGROFASCIATUM	800782	STICHAETIDAE		
PERCIDAE		LUMPENUS LUMPRETAEFORMIS	800945	
LUCIOPERCA	800698	STICHAUS PUNCTATUS	800945	
STIZOSTEDION LUCIOPERCA	800698	ULVARIA SUBBIFURCATA	800945	
CYPRINIDAE		PLEURONECTIDAE		
CARASSIUS AURATUS	800967	HIPPOGLOSSUS HIPPOGLOSSUS	800945	
MALAPTERURIDAE		HIPPOGLOSSOIDES PLATESSOIDES	800945	
MALAPTERURUS ELECTRICUS	800677	PSEUDOPLEURONECTES AMERICANUS	800945	
GADIDAE		REINHARDTIUS HIPPOGLOSSOIDES	800945	
LOTA LOTA	800698	COTTIDAE		
INNERVATION		HEMITRIPTERUS AMERICANUS	800945	
ARIIDAE		CYCLOPTERIDAE		
GALEICHTHYS FELIS	803035	CAREPROCTUS	800945	
HOME RANGE AND HOMING		ANGUILLIDAE		
SALMONIDAE		ANGUILLA ROSTRATA	800945	
ONCORHYNCHUS TSHAWYTSCHA	802311	GADIDAE		
DEVELOPMENT		GADUS OGAC	800945	
SALMONIDAE	800238	MELANOGRAMMUS AEGLEFINUS	800945	
DESCRIPTIVE EVOLUTION		MERLUCCIIUS BILINEARIS	800945	
PTERASPIDOMORPHA	802621	MICROGADUS TOMCOD	800945	
		POLLACHIUS VIRENS	800945	
		UROPHYCIS TENUIS	800945	
		ZOARCIDAE		
EXTERNAL NARES		LYCODES	800945	
DIPNOI	803403	MACROZOARCES AMERICANUS	800945	
OSTEOLEPIDOMORPHA		HISTOLOGY		
PANDERICHTHYS	803037	DESCRIPTIVE EVOLUTION		
POLYPTEROMORPHA		POLYPTEROMORPHA		
CALAMOICHTHYS CALABARICUS	801104	CALAMOICHTHYS CALABARICUS	802792	
POLYPTERUS	801104	AMOMORPHA		



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	SEMIONOTOMORPHA		HETERODONTIFORMES	
	LEPISOSTEUS PRODUCTUS	802792	HETERODONTUS FRANCISCI	800364
	TELEOSTEI	802792	ACCLIMATION	
BIOCHEMISTRY			ORECTOLOBIDAE	
PROTEIN SYNTHESIS			GINGLYMOSTOMA CIRRATUM	800364
CARCHARINIDAE				
MUSTELUS CANIS	802187			
LDH ISOENZYMES				
TELEOSTEI	803104			
ABNORMALITY			IRIS AND PUPIL	
SILURIDAE			EXPERIMENTAL ANALYSIS	
SILURUS GLANIS	803032		ULTRASTRUCTURE	
FUNCTION			ANGUILLIDAE	
DIPNOI			ANGUILLA ROSTRATA	801348
PROTOPTERUS DOLLOI	800689		GUANINE	
POLYPTEROMORPHA			BIOCHEMISTRY	
CALAMOICHTHYS CALABARICUS	800689		DASYATIDAE	
POLYPTERUS DELHEZI	800689		DASYATIS SABINA	801764
CICHLIDAE			DASYATIS SAYI	801764
CICHLASOMA NIGROFASCIATUM	800782		TRICHIURIDAE	
COTTIDAE			TRICHIURUS LEPTURUS	801764
MYOXOCEPHALUS SCORPIUS	802806			
CYPRINIDAE				
CARASSIUS AURATUS	800967			
MALAPTERURIDAE				
MALAPTERURUS ELECTRICUS	800677		LENS	
HOME RANGE AND HOMING			AGE AND GROWTH TECHNIQUES	
SALMONIDAE			CYPRINIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802311		CYPRINUS CARPIO	802206
ANATOMY			ANATOMY	
SERRANIDAE			SALMONIDAE	
PARALABRAX CLATHRATUS	801385		SALMO GAIRDNERII	801060
PARALABRAX MACULOFASCIATUS	801385		BIOCHEMISTRY	
PARALABRAX NEBULIFER	801385		SCOMBRIDAE	
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SALMONIDAE			SCORPAENIDAE	
SALVELINUS FONTINALIS	801194		SEBASTODES EOS	800785
DEVELOPMENT			SEBASTODES OVALIS	800785
CHARACIDAE			SEBASTODES CHLOROSTICTUS	800785
ASTYANAX JORDANI	800550		SEBASTODES RUFUS	800785
DEXTRALITY OR SINISTRALITY			POECILIIDAE	
BOTHIDAE			POECILIA SPHENOPS X	
BOTHUS OCELLATUS	801949		POECILIA LATIPINNA X	800785
DESCRIPTIVE EVOLUTION			POECILIA FORMOSA	800785
SUBTERRANEAN WATERS			PROTEIN CONTENT	
POECILIIDAE			SPHYRNIDAE	
POECILIA SPHENOPS	801154		SPHYRNA TIBURO	800240
ACCLIMATION			MUGILOIDEI	
CYPRINIDAE			MUGIL CEPHALUS	800240
CARASSIUS AURATUS	800905		EPHIPPIDAE	
SALMONIDAE			CHAEOTODIPTERUS FABER	800240
SALVELINUS FONTINALIS	800905		LUTJANIDAE	
			LUTJANUS BLACKFORDI	800240
			SCIAENIDAE	
			CYNOSCION	800240
			LEIOSTOMUS XANTHURUS	800240
			MENTICIRRHUS AMERICANUS	800240
			MICROPOGON UNDULATUS	800240
			POGONIAS CHROMIS	800240
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			ARCHOSARGUS PROBATOCEPHALUS	800240
			SCOMBRIDAE	
			THUNNUS ALBACARES	801619
			TRICHIURIDAE	
			TRICHIURUS LEPTURUS	800240
			CLUPEIDAE	
			BREVOORTIA GUNTERI	800240
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			GALEICHTHYS FELIS	800240
			PROTEIN SPECIFICITY	
			SCORPAENIDAE	
			SEBASTODES	802582
			SEBASTOLOBUS ALASCANUS	802582
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			CARCHARINIDAE	
			MUSTELUS CANIS	802182
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			SALMONIDAE	
			SALVELINUS NAMAYCUSH	802855
			FUNCTION	
			SQUALIDAE	
			CENTROSCYMNUS	801571
			POECILIIDAE	
			POECILIA RETICULATA	801627
			MORIDAE	
			MORA	801571
			RETINA	
			COLOR VISION	
			SALMONIDAE	
			SALVELINUS FONTINALIS	801194
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			RAJA OCELLATA	800945
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			PROTOPTERUS DOLLOI	800689
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			ACIPENSER OXYRHYNCHUS	800945
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			CALAMOICHTHYS CALABARICUS	800689
			POLYPTERUS DELHEZI	800689



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	SCYLIORHINUS CANICULUS	800235	ICTALURIDAE	
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	MUGIL SP	800014	GADIDAE	
	CLUPEIDAE		LOTA LOTA	801012
	SARDINA PILCHARDUS	800014	SALMONIDAE	
	LARVA		THYMALLUS THYMALLUS	801012
	PETROMYZONTOMORPHA			
	LAMPETRA PLANERI	801869 803384		
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	TELEOSTEI	803390		
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	SALMONIDAE			
	SALMO GAIARDNERII	801094		
	DEVELOPMENT			
	MUGILOIDEI			
	MUGIL SP	800014		
PINEAL LIGHT SENSITIVITY	PETROMYZONTOMORPHA			
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	SCYLIORHINUS CANICULA	800235		
	SCYLIORHINUS CANICULUS	800235		
	MUGILOIDEI			
	MUGIL SP	800014		
	CLUPEIDAE			
PINEAL ENDOCRINOLOGY	SARDINA PILCHARDUS	800014		
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	NANNOSTOMUS BECKFORDI	801169		
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	LAMPETRA PLANERI	803384		
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	ICTALURUS NEBULOSUS	800973		
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	ACIPENSEROMORPHA	802797		
	SALMONIDAE	802797		
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	LEPOMIS GIBBOSUS	800807		
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	CORIS JULIS	802686		
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	Gobioides melanostomus	802810		
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	MISGURNUS FOSSILIS	800832		
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	PLECOGLOSSIDAE			
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	PERCIDAE			
	ASPRO STREBER	801012		
	PERCA FLUVIATILIS	801012		
	COTTIDAE			
NEUROSECRETION IN BRAIN	COTTUS GOBIO	801012		
	COBITIDAE			
	MISGURNUS FOSSILIS	801012		
	NOEMACHEILUS BARBATULUS	801012		
NUCLEUS PREOPTICUS	SEASONAL CHANGES			
	COBITIDAE			
	MISGURNUS FOSSILIS	800832		
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	SALMONIDAE			
	SALVELINUS FONTINALIS	801342		
	HISTOLOGY			
	BAGRIDAE			
	MYSTUS VITTATUS	803487		
	RITA RITA	803487		
NUCLEUS PREOPTICUS	CLARIIDAE			
	CLARIAS BATRACHUS	803487		
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	HETEROPNEUSTES FOSSILIS	803487		
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	PHOXINUS PHOXINUS	803489		
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	CYPRINIDAE			
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	MYSTUS VITTATUS	803487		
	RITA RITA	803487		
NEUROHYPOPHYSIS	CLARIIDAE			
	CLARIAS BATRACHUS	803487		
	HETEROPNEUSTIDAE			
	HETEROPNEUSTES FOSSILIS	803487		
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	SISORIDAE			
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ANGUILLA ANGUILLA	801289
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GONADOTROPIN

[illegible]



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RAJA CLAVATA	800358
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CARCHARHINIDAE	
CARCHARHINUS FALCIFORMIS	800358
CARCHARHINUS OBSCURUS	800358
PRIONACE GLAUCA	800358
ISURIDAE	
ISURUS OXYRINCHUS	800358
SCYLIORHINIDAE	
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					801501	
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ELASMOBRANCHII	800139			ANABANTIDAE		
SCYLIORHINIDAE				ANABAS TESTUDINEUS	801757	
SCYLIORHINUS CANICULUS	802236			Gobiidae		
SCYLIORHINUS STELLARIS	801172			GILlichthys mirabilis	800156	
AMOMORPHA				PERIOPHTHALMUS KOELREUTERI	802276	
AMIA CALVA	802121			AMPHIPNOIDAE		
TELEOSTEI	800139			AMPHIPNOUS CUCHIA	800688	
ISTIOPHORIDAE				REGULATORY RESPIRATORY MECHANISMS		
TETRAPTERUS AUDAX	802121			ELECTROPHORIDAE		
SCOMBRIDAE	802121			ELECTROPHORUS ELECTRICUS	802363	
XIPHIIDAE				BREATHING		
XIPHIAS GLADIUS	802121			Gobiidae		
SALMONIDAE				PERIOPHTHALMUS CHRYSOSPILOS	803213	
SALMO TRUTTA	800676			PERIOPHTHALMUS KALOLO	803213	
EXPERIMENTAL ANALYSIS				PERIOPHTHALMUS SOBRINUS	803213	
CALLIONYMOIDEI				DESCRIPTIVE EVOLUTION		
CALLIONYMUS LYRA	802237			DIPNOI	800926	
	802238				803432	
	802239			LEPIDOSIREN PARADOXA	800617	
				NEOCERATODUS FORSTERI	800617	
				PROTOPTERUS AETHIOPICUS	800617	
				TELEOSTEI	803432	
<b>OXYGEN TRANSPORT</b>				<b>GILL EXCRETION</b>		
ORECTOLOBIDAE				SQUALIDAE		
GINGLYMOSTOMA CIRRATUM	802176			SQUALUS ACANTHIAS	801340	
SCYLIORHINIDAE				EXPERIMENTAL ANALYSIS		
SCYLIORHINUS CANICULUS	802236			PETROMYZONTOMORPHA		
SCYLIORHINUS STELLARIS	801173			ENTOSPHEENUS TRIDENTATUS	803132	
	801174			SQUALIDAE		
DIPNOI				SQUALUS ACANTHIAS	801285	
PROTOPTERUS AETHIOPICUS	801324					
CALLIONYMOIDEI						
CALLIONYMUS LYRA	802237					
CYPRINIDAE						
CARASSIUS AURATUS	800915					
	801142					
SALMONIDAE						
SALMO	802235			<b>ACCESSORY RESPIRATORY ORGANS</b>		
EXPERIMENTAL ANALYSIS				DIPNOI	800139	
TEMPERATURE				POLYPTEROMORPHA	800139	
ANGUILLIDAE				TELEOSTEI	800139	
ANGUILLA ANGUILLA	802687			BLENNIIDAE		
				LOPHALICUS KIRKII	800018	
				Gobiidae		
				PERIOPHTHALMUS	800018	
				AMPHIPNOIDAE		
				AMPHIPNOUS CUCHIA	800688	
				DESCRIPTIVE EVOLUTION		
				DIPNOI	802622	
				RHIPIDISTIA	802622	
<b>CARBON DIOXIDE TRANSPORT</b>				<b>SKIN RESPIRATION</b>		
SCYLIORHINIDAE				DIPNOI		
SCYLIORHINUS STELLARIS	801173			PROTOPTERUS AETHIOPICUS	801324	
	801174			PROTOPTERUS DOLLOI	801625	
DIPNOI				ELECTROPHORIDAE		
PROTOPTERUS AETHIOPICUS	801324			ELECTROPHORUS ELECTRICUS	802363	
CYPRINIDAE						
CARASSIUS AURATUS	800915					
	801142					
SALMONIDAE						
SALMO	802235					
<b>NITROGEN TRANSPORT</b>				<b>ORAL RESPIRATION</b>		
SALMONIDAE				ELECTROPHORIDAE		
SALMO GAIRDNERII	802262			ELECTROPHORUS ELECTRICUS	803432	
EXPERIMENTAL ANALYSIS				HISTOLOGY		
CYPRINIDAE				ELECTROPHORIDAE		
CYPRINUS CARPIO	800466			ELECTROPHORUS ELECTRICUS	801392	
<b>CHLORIDE CELLS</b>						
SALMONIDAE						
ONCORHYNCHUS TSHAWYTSCHA	800258			<b>BRANCHIAL DIVERTICULA</b>		
ULTRASTRUCTURE				ANATOMY		
CYPRINIDAE				HISTOLOGY		
CARASSIUS AURATUS	800294			ANABANTIDAE		
FUNCTION				ANABAS TESTUDINEUS	801757	
ANGUILLIDAE				ULTRASTRUCTURE		
ANGUILLA ANGUILLA	801365			ANABANTIDAE		
FUNCTION				ANABAS TESTUDINEUS	801987	
CYPRINODONTIDAE				FUNCTION		
FUNDULUS KANSAS	802262			Gobiidae		
FUNDULUS HETEROCLITUS	802262			PERIOPHTHALMUS SOBRINUS	802217	
SALMONIDAE						
SALMO GAIRDNERII	802262					
MIGRATIONS						
SALMONIDAE						
SALMO SALAR	803459					
DEVELOPMENT				<b>GUT RESPIRATION</b>		
Gobiidae				CALlichthyidae		
CHAENOGOBIOUS UROTAENIA	802892			HOPLOSTERNUM LITTORALE	803432	
<b>AERIAL RESPIRATION</b>						
DIPNOI	801501			<b>LUNG</b>		
LEPIDOSIREN PARADOXA	801625			FUNCTION		
PROTOPTERUS AETHIOPICUS	801324			DIPNOI		
				LEPIDOSIREN PARADOXA	801625	

RESPIRATORY SYSTEM (CONTINUED)	PROTOPTERUS DOLLOI PROTOPTERUS AETHIOPICUS	801625 801324 801325	ANABAS TESTUDINEUS	800741
GAS BLADDER	EXPERIMENTAL ANALYSIS DIPNOI PROTOPTERUS DOLLOI	800926	<b>GAS BLADDER</b>	
	DESCRIPTIVE EVOLUTION DIPNOI	803401	GADOPSIDAE	
	CHONDROSTEI	803401	GADOPSIS MARMORATUS	803019
	POLYPTEROMORPHA	803401	PEMPHERIDAE	
	LACTATE DEHYDROGENASE		PARAPRIACANTHUS	802959
	BIOCHEMISTRY		PEMPHERIS	802959
	DIPNOI		TRIACANTHIDAE	
	LEPIDOSIREN PARADOXA	801621	TRIXIPHICHTHYS WEBERI	801918
			TRIACANTHODIDAE	
<b>GAS BLADDER RESPIRATION</b>			PARAHOLLARDIA LINEATA	801918
OSTEOGLOSSIDAE			CYPRINIDAE	
ARAPAIMA GIGAS	800631		ABRAMIS BRAMA	803126
HETEROTIS NILOTICUS	800631		RUTILUS RUTILUS	803126
			RUTILUS RUTILUS X	
			ABRAMIS BRAMA X	803126
			CAPTIVE VS NATURAL FISH	
			CYPRINIDAE	
			CYPRINUS CARPIO	801551
			<b>ANATOMY</b>	
			CHANNIFORMES	
			CHANNA STRIATA	801942
			OPHICEPHALUS STRIATUS	801942
<b>EXTERNAL GILLS</b>			LAMPRIDIFORMES	
DEVELOPMENT			RADIICEPHALUS ELONGATUS	800331
DIPNOI			ANABANTIDAE	
PROTOPTERUS AMPHIBIUS	800233		ANABAS TESTUDINEUS	801942
			BELONTIIDAE	
			TRICHOGASTER PECTORALIS	801942
			TRICHOGASTER TRICHOPTERUS	801942
<b>AQUATIC VS TERRESTRIAL RESPIRATION</b>			GOBIIDAE	
TELEOSTEI	800516		GLOSSOGOBIOUS GIURUS	801942
OXYGEN TRANSPORT			CICHLIDAE	
CARBON DIOXIDE TRANSPORT			TILAPIA MOSSAMBICA	801942
DIPNOI	803432		SCIAENIDAE	
TELEOSTEI	803432		DENDROPHYSA	803425
			JOHNIUS	803425
			NIBEIA	803425
			OTOLITHES	803425
			OTOLITHOIDES BRUNNEUS	803425
<b>REGULATORY RESPIRATORY MECHANISMS</b>			THERAPONIDAE	
SQUALIDAE			THERAPON PLUMBEUS	801942
SQUALUS ACANTHIAS	802261		BALISTIDAE	800012
DIPNOI			EXOCOETIDAE	
PROTOPTERUS	803432		HEMIRAMPHUS GEORGII	801942
CALLIONYMOIDEI			DENTICIPITIDAE	
CALLIONYMUS LYRA	802237		DENTICEPS CLUPEOIDES	800265
ELECTROPHORIDAE			PROCHILODONTIDAE	
ELECTROPHORUS ELECTRICUS	803432		PROCHILODUS INSIGNIS	800630
SALMONIDAE			CYPRINIDAE	
SALMO	802235		CYPRINUS CARPIO	801942
EXPERIMENTAL ANALYSIS			BAGRIDAE	
CARCHARHINIDAE			PELTEOBAGRUS NITIDUS	802896
MUSTELUS ANTARCTICUS	800909		CLARIIDAE	
SCYLORHINIDAE			CLARIAS BATRACHUS	801942
CEPHALOSCYLLIUM ISABELLA	800909		OSTEOGLOSSIDAE	
HETERODONTIFORMES			ARAPAIMA GIGAS	800631
HETERODONTUS PORTUSJACKSONI	800909		HETEROTIS NILOTICUS	800631
SQUALIDAE			OSTEOGLOSSUM BICIRRHOSUM	800631
SQUALUS ACANTHIAS	800909		SCLEROPAGES FORMOSUS	800631
DIPNOI			<b>FUNCTION</b>	
PROTOPTERUS AETHIOPICUS	801325		PROCHILODONTIDAE	
DEVELOPMENT			PROCHILODUS INSIGNIS	800630
BATRACHOIDIFORMES			OSTEOGLOSSIDAE	
OPSANUS TAU	801952		ARAPAIMA GIGAS	800631
			HETEROTIS NILOTICUS	800631
			OSTEOGLOSSUM BICIRRHOSUM	800631
			SCLEROPAGES FORMOSUS	800631
<b>ASPHYXIATION</b>			<b>HISTOLOGY</b>	
GOBIIDAE			<b>FUNCTION</b>	
PERIOPHTHALMUS AUSTRALIS	800209		INNERVATION	
EFFECT ON FISH			GAS BLADDER MUSCLES	
HEART			SALMONIDAE	
BREATHING			ONCORHYNCHUS NERKA	802419
CENTRARCHIDAE			<b>BIOCHEMISTRY</b>	
LEPOMIS MACROCHIRUS	801199		LIPID AND FATTY ACID CONTENT	
ICTALURIDAE			<b>FUNCTION</b>	
ICTALURUS NEBULOSUS	801199		CARBOHYDRATE CONTENT	
SALMONIDAE			MOCHOKIDAE	
SALMO GAIRDNERII	801199		SYNODONTIS SCHALL	801167
<b>PSEUDOBANCH</b>			<b>FUNCTION</b>	
ANABANTIDAE			TELEOSTEI	800793
ANABAS TESTUDINEUS	800741		BALISTIDAE	801501
TRIACANTHIDAE			CYPRINIDAE	800012
PSEUDOTRIACANTHUS STRIGILIFER	801918		RHINICHTHYS CATARACTAE	802412
TRIXIPHICHTHYS WEBERI	801918		SOUND RECEPTION	
TRIACANTHODIDAE			TELEOSTEI	802543
JOHNSONINA ERIOMMA	801918		HYDROSTATIC	
PARATRIACANTHODES RETROSPINIS	801918		TELEOSTEI	802543
TRIACANTHODES ETHIOPS	801918		<b>EXPERIMENTAL ANALYSIS</b>	
<b>ANATOMY</b>			SALMONIDAE	
ANABANTIDAE			SALMO GAIRDNERII	800571
ANABAS TESTUDINEUS	800741		SALVELINUS FONTINALIS	800571
<b>HISTOLOGY</b>			<b>COLLAGEN</b>	
ANABANTIDAE			BIOCHEMISTRY	
ANABAS TESTUDINEUS	800741		CYPRINIDAE	
<b>FUNCTION</b>			CYPRINUS CARPIO	801802
ANABANTIDAE			LACTATE DEHYDROGENASE	
			BIOCHEMISTRY	
			ELECTROPHORIDAE	
			ELECTROPHORUS ELECTRICUS	801621

<b>GAS SECRETING AND ABSORBING STRUCTURES</b>		<b>HOLOSTEI</b>	<b>803403</b>	<b>GAS BLADDER</b>
TELEOSTEI	<b>800139</b>	TELEOSTEI	<b>803403</b>	(CONTINUED)
FUNCTION				
SCORPAENIDAE				
SEBASTODES MINIATUS	<b>800792</b>			CIRCULATORY SYSTEM
EXPERIMENTAL ANALYSIS				
CYPRINIDAE				
RHINICHTHYS CATARACTAE	<b>802412</b>			
<b>SOUND PRODUCING GAS BLADDER</b>		<b>CAPILLARY SYSTEMS</b>		
TELEOSTEI	<b>801666</b>	MORMYRIDAE	<b>800642</b>	
		ULTRASTRUCTURE		
		BRAIN		
		ORECTOLOBIDAE		
		GINGLYMOSTOMA CIRRATUM	<b>801341</b>	
		GILLS		
		ANABANTIDAE		
		ANABAS TESTUDINEUS	<b>801987</b>	
		DEVELOPMENT		
		CHANNIFORMES		
		CHANNA STRIATA	<b>800325</b>	
		OPHICEPHALUS MARULIUS	<b>800325</b>	
<b>GAS BLADDER CAPACITY</b>				
SCOMBRIDAE				
THUNNUS ALBACARES	<b>800154</b>			
THUNNUS OBESUS	<b>800154</b>			
<b>CIRCULATORY SYSTEM</b>		<b>BLOOD SYSTEM FOR AIR BREATHING</b>		
FUNCTION		DIPNOI	<b>803005</b>	
MYXINOMORPHA	<b>801501</b>		<b>803432</b>	
TELEOSTEI	<b>801501</b>			
<b>ARTERIAL SYSTEM</b>		ANABANTIDAE		
ADENOHYPOPHYSIS		ANABAS TESTUDINEUS	<b>801757</b>	
POLYPTEROMORPHA		AMPHIPNOIDAE		
CALAMOICHTHYS CALABARICUS	<b>801357</b>	AMPHIPNOUS CUCHIA	<b>800688</b>	
POLYPTERUS PALMAS	<b>801357</b>	SYNBRANCHIDAE		
GILLS		SYNBRANCHUS	<b>803432</b>	
CLUPEIDAE		ELECTROPHORIDAE		
ALOSA PONTICA	<b>801089</b>	ELECTROPHORUS ELECTRICUS	<b>803432</b>	
CLUPEONELLA CULTRIVENTRIS	<b>801089</b>	CALLICHTHYIDAE		
ENGRAULIDAE		HOPLOSTERNUM LITTORALE	<b>803432</b>	
ENGRAULIS ENCRASICOLUS	<b>801089</b>	ANATOMY		
GADIDAE		ELECTROPHORIDAE		
ODONTOGADUS MERLANGUS	<b>803029</b>	ELECTROPHORUS ELECTRICUS	<b>801392</b>	
ESOCIDAE		FUNCTION		
ESOX LUCIUS	<b>801089</b>	DIPNOI		
SALMONIDAE		PROTOPTERUS AETHIOPICUS	<b>801325</b>	
SALMO TRUTTA	<b>801089</b>	ELECTROPHORIDAE		
ANATOMY		ELECTROPHORUS ELECTRICUS	<b>802363</b>	
EYE		ANATOMY		
ELASMOBRANCHII	<b>801349</b>	DIPNOI		
ADENOHYPOPHYSIS		PROTOPTERUS AETHIOPICUS	<b>802257</b>	
FUNCTION				
NEUROHYPOPHYSIS		<b>HEART</b>		
SALMONIDAE		ALBULIDAE		
SALVELINUS FONTINALIS	<b>801342</b>	ALBULA NEMOPTERA	<b>801822</b>	
GILLS		DNA CONTENT AND FUNCTION		
DESCRIPTIVE EVOLUTION		RNA CONTENT AND FUNCTION		
CYPRINIDAE	<b>801382</b>	CARANGIDAE		
ABNORMALITY		SERIOLA QUINQUERADIATA	<b>802889</b>	
POECILIIDAE		SCORPAENIDAE		
POECILIA RETICULATA	<b>803470</b>	SEBASTES VULPES	<b>802889</b>	
DEVELOPMENT		CYPRINIDAE		
GILLS		CYPRINUS CARPIO	<b>802889</b>	
GOBIIDAE		SALMONIDAE		
CHAENOGOBIOUS UROTAENIA	<b>802892</b>	LDH ISOENZYMES		
HEAD		INHERITANCE		
AMIO MORPHA		SALMONIDAE		
AMIA CALVA	<b>803406</b>	SALMO GAIRDNERII	<b>801831</b>	
DESCRIPTIVE EVOLUTION		SALMO TRUTTA	<b>801831</b>	
ELASMOBRANCHII	<b>803403</b>	SALVELINUS FONTINALIS	<b>801831</b>	
DIPNOI	<b>803403</b>	ANATOMY		
CHONDROSTEI	<b>803403</b>	GADIDAE		
HOLOSTEI	<b>803403</b>	ODONTOGADUS MERLANGUS	<b>803029</b>	
TELEOSTEI	<b>803403</b>	FUNCTION		
		MYXINOMORPHA	<b>803004</b>	
		ELASMOBRANCHII	<b>803004</b>	
		DIPNOI	<b>803005</b>	
		TELEOSTEI	<b>803004</b>	
		HEXAGRAMMIDAE		
		OPHIODON ELONGATUS	<b>803004</b>	
		SALMONIDAE		
		SALMO GAIRDNERII	<b>803004</b>	
		ULTRASTRUCTURE		
		SALMONIDAE		
		SALMO TRUTTA	<b>800935</b>	
<b>VENOUS SYSTEM</b>		BIOCHEMISTRY		
GILLS		CARANGIDAE		
CLUPEIDAE		SERIOLA QUINQUERADIATA	<b>801593</b>	
ALOSA PONTICA	<b>801089</b>	CICHLIDAE		
CLUPEONELLA CULTRIVENTRIS	<b>801089</b>	TILAPIA MOSSAMBICA	<b>801593</b>	
ENGRAULIDAE		ANGUILLIDAE		
ENGRAULIS ENCRASICOLUS	<b>801089</b>	ANGUILLA JAPONICA	<b>801593</b>	
GADIDAE		CYPRINIDAE	<b>801593</b>	
ODONTOGADUS MERLANGUS	<b>803029</b>	SALMONIDAE		
ESOCIDAE		SALMO GAIRDNERII	<b>801593</b>	
ESOX LUCIUS	<b>801089</b>	OXIDATIVE METABOLISM		
SALMONIDAE		DASYATIDAE		
SALMO TRUTTA	<b>801089</b>	DASYATIS PASTINACA	<b>801360</b>	
HISTOLOGY		SCORPAENIDAE		
BLOOD VESSEL MUSCULATURE		SCORPAENA PORCUS	<b>801360</b>	
CYPRINIDAE		ABNORMALITY		
CYPRINUS CARPIO	<b>803175</b>	MIGRATIONS		
DEVELOPMENT		SALMONIDAE		
HEAD		SALMO GAIRDNERII	<b>803381</b>	
AMIO MORPHA		EPIZOOTICS		
AMIA CALVA	<b>803406</b>	SALMONIDAE		
DESCRIPTIVE EVOLUTION		SALMO TRUTTA	<b>803286</b>	
ELASMOBRANCHII	<b>803403</b>	FUNCTION		
DIPNOI	<b>803403</b>			
CHONDROSTEI	<b>803403</b>			



CIRCULATORY SYSTEM (CONTINUED)	MYXINOMORPHA EPTATRETUS STOUTII	801501 800567	SALMO GAIRDNERII	802512
BLOOD AND LYMPH	CARCHARINIDAE MUSTELUS ANTARCTICUS	800909		
	SCYLIORHINIDAE CEPHALOSCYLLIUM ISABELLA	800909	ORGAN OF LEYDIG	
	HETERODONTIFORMES HETERODONTUS PORTUSJACKSONI	800909	ANATOMY	
	SQUALIDAE SQUALUS ACANTHIAS	800909	RAJIDAE	
	DIPNOI PROTOPTERUS AETHIOPICUS	802257	RAJA BATIS	800669
	TELEOSTEI CALLIONYMOIDEI	801501	RAJA LINTEA	800669
	CALLIONYMUS LYRA	802237	RAJA RADIATA	800669
	ELECTROPHORIDAE ELECTROPHORUS ELECTRICUS	802363	SQUALIDAE	
	SALMONIDAE SALMO	802235	ETMOPTERUS SPINAX	800669
	ANATOMY		SQUALUS ACANTHIAS	800669
	ANABANTIDAE ANABAS SCANDENS	802928	FUNCTION	
EXPERIMENTAL ANALYSIS	INNERVATION		RAJIDAE	
	AMIO MORPHA AMIA CALVA	803026	RAJA LINTEA	800669
	SALMONIDAE SALVELINUS FONTINALIS	803026	RAJA BATIS	800669
ADRENALINE	ADRENALINE		RAJA RADIATA	800669
	MYXINOMORPHA MYXINE GLUTINOSA	803026	SQUALIDAE	
	SEMIONOTOMORPHA LEPISOSTEUS OSSEUS	803026	ETMOPTERUS SPINAX	800669
	SALMONIDAE SALVELINUS FONTINALIS	803026	SQUALUS ACANTHIAS	800669
TEMPERATURE	TEMPERATURE			
	MYXINOMORPHA MYXINE GLUTINOSA	803026	HEMOPOIESIS	
	SEMIONOTOMORPHA LEPISOSTEUS OSSEUS	803026	PERCIDAE	
ANGUILLIDAE	ANGUILLIDAE	802687	PERCA FLUVIATILIS	802512
	ANGUILLA ANGUILLA		CYPRINIDAE	802512
	SALMONIDAE SALVELINUS FONTINALIS	803026	ICTALURIDAE	
WATER PRESSURE	WATER PRESSURE		ICTALURUS NEBULOSUS	802512
ZOARCIDAE	ZOARCIDAE		SALMONIDAE	
ZOARCES VIVIPARUS	ZOARCES VIVIPARUS	802907	ONCORHYNCHUS KETA	802362
SALINITY	SALINITY		SALMO GAIRDNERII	802512
	MYXINOMORPHA MYXINE GLUTINOSA	803026	EXPERIMENTAL ANALYSIS	
OXYGEN	OXYGEN		CYPRINODONTIDAE	
	CENTRARCHIDAE LEPOMIS MACROCHIRUS	800365	FUNDULUS HETEROCLITUS	801075
	ICTALURIDAE ICTALURUS NEBULOSUS	800365	RADIOACTIVITY	
	SALMONIDAE SALMO GAIRDNERII	800365	CYPRINIDAE	
TRANSAMINASE	TRANSAMINASE		CARASSIUS AURATUS	801608
BIOCHEMISTRY	BIOCHEMISTRY			
SALMONIDAE	SALMONIDAE		BLOOD AND LYMPH	
ONCORHYNCHUS	ONCORHYNCHUS	802427	GLUCOSE CONTENT	
			SALMONIDAE	
HEART NERVE SUPPLY	HEART NERVE SUPPLY		SALMO TRUTTA	801193
FUNCTION	FUNCTION		THYMALLUS THYMALLUS	801193
TRIGLIDAE	TRIGLIDAE		STARVATION	
PRIONOTUS CAROLINUS	PRIONOTUS CAROLINUS	802185	CHIMAEROMORPHA	
EXPERIMENTAL ANALYSIS	EXPERIMENTAL ANALYSIS		HYDROLAGUS COLLIEI	801421
ANGUILLIDAE	ANGUILLIDAE		SQUALIDAE	
ANGUILLA ANGUILLA	ANGUILLA ANGUILLA	802661	SQUALUS ACANTHIAS	801421
			DNA CONTENT AND FUNCTION	
			RNA CONTENT AND FUNCTION	
			CYPRINIDAE	
			CYPRINUS CARPIO	802889
			SALMONIDAE	
			SALMO GAIRDNERII	802889
			ION AND WATER RELATIONSHIPS	
			SALMONIDAE	
			ONCORHYNCHUS KETA	802919
			BIOCHEMISTRY	
			ICTALURIDAE	
			ICTALURUS PUNCTATUS	801410
			VITAMIN A	
			GADIDAE	
			GADUS MORHUA	800178
			EXPERIMENTAL ANALYSIS	
			STARVATION	
			GADIDAE	
			LOTA LOTA	803501
			CALCIUM	
			BIOCHEMISTRY	
			GADIDAE	
			GADUS MORHUA	800177
SPLEEN	SPLEEN			
DNA CONTENT AND FUNCTION	DNA CONTENT AND FUNCTION		ERYTHROCYTES	
RNA CONTENT AND FUNCTION	RNA CONTENT AND FUNCTION		CARCHARINIDAE	
CARANGIDAE	CARANGIDAE	802889	CARCHARINUS MELANOPTERUS	802194
SCORPAENIDAE	SCORPAENIDAE	802889	SCYLIORHINIDAE	
SEBASTES VULPES	SEBASTES VULPES	802889	CHILIOSCYLLIUM GRESHIUM	803055
CYPRINIDAE	CYPRINIDAE	802889	ACANTHURIDAE	802194
CYPRINUS CARPIO	CYPRINUS CARPIO	802889	GOBIIDAE	
SALMONIDAE	SALMONIDAE	802889	AMBLYGOBIUS ALBIMACULATUS	802194
ANATOMY	ANATOMY		BATHYGObIUS FUSCUS	802194
HISTOLOGY	HISTOLOGY		LABRIDAE	802194
CHANNIFORMES	CHANNIFORMES	802937	SCARIDAE	802194
CHANNA GACHUA	CHANNA GACHUA	802937	MUGILOIDEI	
CHANNA PUNCTATA	CHANNA PUNCTATA	802937	MUGIL TROSCHELI	802194
CHANNA STRIATA	CHANNA STRIATA	802937	CHANNICHTHYIDAE	803100
HEMOSIDERIN	HEMOSIDERIN		CHAETODONTIDAE	
HISTOLOGY	HISTOLOGY		POMACANTHUS MACULOSUS	802194
CENTRARCHIDAE	CENTRARCHIDAE	802699	KYPHOSIDAE	
LEPOMIS MACROCHIRUS	LEPOMIS MACROCHIRUS		KYPHOSUS BIGIBBUS	802194
			LETHRINIDAE	802194
HEADKIDNEY	HEADKIDNEY		LUTJANIDAE	
ANATOMY	ANATOMY		LUTJANUS BOHAR	802194
HISTOLOGY	HISTOLOGY		LUTJANUS KASMIRA	802194
CYPRINIDAE	CYPRINIDAE	802512	MULLIDAE	
ICTALURIDAE	ICTALURIDAE	802512	MULLOIDICHTHYS AURIFLAMMA	802194
ICTALURUS NEBULOSUS	ICTALURUS NEBULOSUS		POMACENTRIDAE	
SALMONIDAE	SALMONIDAE			

DASYCYLLUS ARUANUS	802194	PERCA FLUVIATILIS	800740	BLOOD AND LYMPH
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SPARIDAE	802194	DASYCYLLUS ARUANUS	802194	
MUGILOIDIDAE		SERRANIDAE	802194	
PARAPERCIS HEXOPHTHALMA	802194	SPARIDAE	802194	
SCORPAENIDAE		MUGILOIDIDAE		
DENDROCHIRUS BRACHYPTERUS	802194	PARAPERCIS HEXOPHTHALMA	802194	
BALISTIDAE		SCORPAENIDAE		
PARAMONACANTHUS OBLONGUS	802194	DENDROCHIRUS BRACHYPTERUS	802194	
RHINECANTHUS ASSASI	802194	BALISTIDAE		
CYPRINIDAE		PARAMONACANTHUS OBLONGUS	802194	
RUTILUS RUTILUS	803176	RHINECANTHUS ASSASI	802194	
SYNODONTIDAE		CYPRINIDAE		
SYNODUS JAPONICUS	802194	CYPRINUS CARPIO	800740	
SALMONIDAE		LEUCASPIUS DELINEATUS	800740	
SALMO GAIRDNERII	800722	LEUCISCUS IDUS	800740	
	800839	LEUCISCUS RUTILUS	800740	
		TINCA TINCA	800740	
DNA CONTENT AND FUNCTION		ICTALURIDAE		
RNA CONTENT AND FUNCTION		ICTALURUS NEBULOSUS	800740	
CARCHARHINIDAE		SYNODONTIDAE		
MUSTELUS CANIS	802184	SYNODUS JAPONICUS	802194	
ION AND WATER RELATIONSHIPS		SALMONIDAE		
LIPID METABOLISM		SALMO GAIRDNERII	800740	
ACIPENSEROMORPHA		IN VITRO TECHNIQUES		
ACIPENSER STELLATUS	803059	PROTEIN SYNTHESIS		
HYDROGEN ION CONCENTRATION		CARCHARHINIDAE		
ION AND WATER RELATIONSHIPS		MUSTELUS CANIS	802178	
ANGUILLIDAE		HOST PARASITE INTERACTIONS		
ANGUILLA ANGUILLA	803351	CESTODA		
SEASONAL CHANGES		PERCIDAE		
CYPRINIDAE		PERCA FLUVIATILIS	803500	
CYPRINUS CARPIO	800908	ANATOMY		
HOST PARASITE INTERACTIONS		PERCIDAE		
CESTODA		PERCA FLUVIATILIS	800740	
PERCIDAE		CYPRINIDAE		
PERCA FLUVIATILIS	803500	CYPRINUS CARPIO	800740	
ANATOMY		LEUCISCUS IDUS	800740	
FUNCTION		LEUCASPIUS DELINEATUS	800740	
CHANNIFORMES		LEUCISCUS RUTILUS	800740	
OPHICEPHALUS PUNCTATUS	801616	TINCA TINCA	800740	
AMPHIPNOIDAE		ICTALURIDAE		
AMPHIPNOUS CUCHIA	801616	ICTALURUS NEBULOSUS	800740	
CLARIIDAE		SALMONIDAE		
CLARIAS BATRACHUS	801616	SALMO GAIRDNERII	800740	
HETEROPNEUSTIDAE		HISTOLOGY		
HETEROPNEUSTES FOSSILIS	801616	CHIMAEROMORPHA		
HISTOLOGY		CHIMAERA MONSTROSA	800669	
DASYATIDAE		DASYATIDAE		
DASYATIS UARNAK	802588	DASYATIS UARNAK	802588	
CYTOLOGY		RAJIDAE		
BATHYDRACONIDAE		RAJA RADIATA	800669	
PARACHAENICHTHYS CHARCOTI	803302	SQUALIDAE		
PARACHAENICHTHYS GEORGIANUS	803302	ETMOPTERUS SPINAX	800669	
NOTOTHEIIDAE	803302	CHANNIFORMES		
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ABRAMIS BRAMA	802830	MYXINOMORPHA		
BLICCA BJOERKNA	802830	MYXINE GLUTINOSA	803283	
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ION AND WATER RELATIONSHIPS		CYPRINIDAE		
SQUALIDAE		RUTILUS RUTILUS	803285	
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EXPERIMENTAL ANALYSIS		COREGONUS LAVARETUS	803285	
SALMONIDAE		BIOCHEMISTRY		
SALMO GAIRDNERII	802290	CYPRINIDAE		
DEVELOPMENT		CARASSIUS AURATUS	800810	
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CARASSIUS AURATUS	801418	TELEOSTEI	801902	
FRY		FUNCTION		
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ONCORHYNCHUS KETA	802362	ABRAMIS BRAMA	802830	
		BLICCA BJOERKNA	802830	
		DEVELOPMENT		
		CHIMAEROMORPHA		
		CHIMAERA MONSTROSA	800669	
		RAJIDAE		
		RAJA BATIS	800669	
		RAJA LINTEA	800669	
		RAJA RADIATA	800669	
		SQUALIDAE		
		ETMOPTERUS SPINAX	800669	
		SQUALUS ACANTHIAS	800669	
		SCARIDAE		
		SCARUS SP	800092	
		LETHRINIDAE		
		LETHRINUS MAHSENA	800092	
		LUTJANIDAE		
		LUTJANUS BOHAR	800092	
		PERCIDAE		
		PERCA FLUVIATILIS	800740	
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		SERRANIDAE		
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		CYPRINUS CARPIO	800740	
		LEUCISCUS IDUS	800740	
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CARCHARHINIDAE				
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CHILOSCYLLIUM GRESHIUM	803055			
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GOBIIDAE				
AMBLYGOBIUS ALBIMACULATUS	802194			
BATHYGOBIUS FUSCUS	802194			
LABRIDAE	802194			
SCARIDAE	802194			
MUGILOIDEI				
MUGIL TROSCHELI	802194			
CHAETODONTIDAE				
POMACANTHUS MACULOSUS	802194			
KYPHOSIDAE				
KYPHOSUS BIGIBBUS	802194			
LETHRINIDAE	802194			
LUTJANIDAE				
LUTJANUS BOHAR	802194			
LUTJANUS KASMIRA	802194			
MULLIDAE				
MULLOIDICHTHYS AURIFLAMMA	802194			
PERCIDAE				

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	LEUCISCUS RUTILUS	800740	SEBASTISCUS MARMORATUS	801847
	TINCA TINCA	800740	CALCIUM	
ICTALURIDAE			EXPERIMENTAL ANALYSIS	
ICTALURUS NEBULOSUS		800740	ANGUILLIDAE	
		802512	ANGUILLA ANGUILLA	801415
SALMONIDAE			CHOLINESTERASE	
SALMO GAIRDNERII		800740	SPECIFICITY	
		802512	DIPNOI	
MACROPHAGES			PROTOPTERUS ANNECTENS	801267
EXPERIMENTAL ANALYSIS			GLOBULIN	
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FUNDULUS MAJALIS		802987	LIPOPROTEINS	
			FUNCTION	
			SQUALIDAE	
			SQUALUS ACANTHIAS	800207
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ORECTOLOBIIDAE			SCOMBRIDAE	
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ACIPENSER GULDENSTAEDTI	800250		THUNNUS GERMO	801474
ACIPENSER RUTHENUS	800250		THUNNUS THYNNUS	801474
ACIPENSER STELLATUS	800250		SERUM PIGMENT	
HUSO HUSO	800250		ANGUILLIDAE	
COTTIDAE			ANGUILLA JAPONICA	800491
COTTUS SCORPIUS	800301		TRANSFERRIN	
CLUPEIDAE			SCYLORHINIDAE	
CLUPEA PILCHARDUS	800761		SCYLORHINUS	801403
CYPRINIDAE				
ABRAMIS BRAMA	801796			
CATLA CATLA	803293			
GADIDAE			HEMOGLOBIN	
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SALMONIDAE			SCYLORHINUS CANICULUS	801999
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SALMO TRUTTA	802441		CHANNA STRIATUS	800688
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CATOSTOMIDAE			PARACHAENICHTHYS CHARCOTI	803302
CATOSTOMUS COMMERSONI	800950		PARACHAENICHTHYS GEORGIANUS	803302
CYPRINIDAE			NOTOTHEIIDAE	803302
TINCA TINCA	801143		SCORPAENIDAE	
ESOCIDAE			SCORPAENA PORCUS	801999
ESOX LUCIUS	800950		SEBASTISCUS MARMORATUS	801838
NITROGENOUS CONTENT			AMPHIPHNOIDAE	
SCORPAENIDAE			AMPHIPHNOUS CUCHIA	800688
SEBASTISCUS MARMORATUS	801838		CYPRINIDAE	
CORTISOL			CATLA CATLA	800688
BIOCHEMICAL TECHNIQUES			CYPRINUS CARPIO	801999
SALMONIDAE	802284		RUTILUS RUTILUS	803176
IMMUNOLOGICAL ANALYSIS			BAGRIDAE	
ANGUILLIDAE			RITA RITA	800688
ANGUILLA ROSTRATA	802981		CLARIIDAE	
INFRASPECIFIC VARIATION			CLARIAS BATRACHUS	800688
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ENGRAULUS ENCRASICOLUS	802817		HETEROPNEUSTES FOSSILIS	800688
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POLLACHIUS POLLACHIUS	801950		SALMONIDAE	
SALMONIDAE			SALMO SALAR	802603
SALMO SALAR	801950		POPULATION GENETICS	
GEOGRAPHIC VARIATION			CYPRINIDAE	
SCOMBRIDAE			TINCA TINCA	800495
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POLYMORPHISM			CENTRARCHIDAE	802841
TELEOSTEI	802131		PERCIDAE	
CLUPEIDAE			PERCA FLAVESCENS	802841
CLUPEA PILCHARDUS	802009		STIZOSTEDION VITREUM	802841
SEASONAL CHANGES			CATOSTOMIDAE	
CYPRINIDAE			CATOSTOMUS COMMERSONI	802841
TINCA TINCA	801813		CYPRINIDAE	
SALMONIDAE			CARASSIUS AURATUS	802841
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SALVELINUS FONTINALIS	800788		PIMEPHALES PROMELAS	802841
FUNCTION			ICTALURIDAE	
PIGMENTS			ICTALURUS MELAS	802841
OVARIAN CYCLES			ICTALURUS PUNCTATUS	802841
TESTICULAR CYCLES			ESOCIDAE	
ANGUILLIDAE			ESOX LUCIUS	802841
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TEMPERATURE			CLUPEA SPRATTUS	802140
BATRACHOIDIFORMES			SPRATTUS SPRATTUS	802140
OPSANUS TAU	802979		BIOCHEMICAL TECHNIQUES	
EXERCISE			INFRASPECIFIC VARIATION	
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ONCORHYNCHUS NERKA	802297		SALMO GAIRDNERII	802290
ONCORHYNCHUS TSHAWYTSCHA	802297		SEASONAL CHANGES	
STARVATION			CYPRINIDAE	
LIPID AND FATTY ACID CONTENT			CYPRINUS CARPIO	800908
SALMONIDAE			STRUCTURE	
SALMO GAIRDNERII	802466		PETROMYZONTOMORPHA	
TEMPERATURE			PETROMYZON MARINUS	800231
CYPRINIDAE			ULTRASTRUCTURE	
CYPRINUS CARPIO	803108		DESCRIPTIVE EVOLUTION	
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THYROID STIMULATING HORMONE			CYPRINUS CARPIO	801970
HETEROPNEUSTIDAE			BIOCHEMISTRY	
HETEROPNEUSTES FOSSILIS	803491		CARCHARHINIDAE	
SALINITY			CARCHARHINUS LEUCAS	800651
TEMPERATURE			SCORPAENIDAE	
SALMONIDAE			SEBASTODES	802582
ONCORHYNCHUS KISUTCH	803143		SEBASTOLOBUS ALASCANUS	802582
STRESS REACTIONS			SEBASTES MENTELLA	802582



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CYPRINODONTIDAE	800779	COTTUS GOBIO X	802594	
GOODEIDAE	800779	SCORPAENIDAE		
POECILIIDAE	800779	SCORPAENA SCROFA	801911	
ANGUILLIDAE		SEBASTISCUS MARMORATUS	801838	
ANGUILLA JAPONICA	801592	TETRAODONTIDAE		
SALMONIDAE		FUGU PARDALIS	800619	
SALMO SALAR	803375	FUGU POECILONOTUS	800619	
POLYMORPHISM		FUGU POECILONOTUS X		
GASTEROSTEIDAE		FUGU PARDALIS X	800619	
GASTEROSTEUS ACULEATUS	802912	FUGU RUBRIPES	800619	
SCORPAENIDAE		FUGU XANTHOPTERUS	800619	
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SEBASTODES CRAMERI	802582	FUGU RUBRIPES X	800619	
SEBASTODES DIPLOPROA	802582	ANGUILLIDAE		
SEBASTODES REEDI	802582	ANGUILLA ANGUILLA	801911	
CLUPEIDAE		ANGUILLA JAPONICA	801032	
CLUPEA PILCHARDUS	802008	CYPRINIDAE		
DEVELOPMENT		CYPRINUS CARPIO	801032	
PETROMYZONTOMORPHA		SALMONIDAE	801911	
GEOTRIA AUSTRALIS	801321	ONCORHYNCHUS GORBUSCHA	801820	
MORDACIA MORDAX	801321	SALMO GAIRDNERII	801032	
MORDACIA PRAECOX	801321	SALMO SALAR	801911	
FUNCTION		NATURAL HYBRIDIZATION		
DIPNOI		POECILIIDAE		
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EXPERIMENTAL ANALYSIS		CENTRARCHIDAE	802841	
STARVATION		PERCIDAE		
GADIDAE		PERCA FLAVESCENS	802841	
LOTA LOTA	803501	STIZOSTEDION VITREUM	802841	
RADIOACTIVITY		SERRANIDAE		
THYROID STIMULATING HORMONE		MORONE CHRYSOPS	801516	
HETEROPNEUSTIDAE		CATOSTOMIDAE		
HETEROPNEUSTES FOSSILIS	803491	CATOSTOMUS COMMERSONI	802841	
STRESS REACTIONS		CYPRINIDAE		
SCORPAENIDAE		CARASSIUS AURATUS	802841	
SEBASTISCUS MARMORATUS	801847	CYPRINUS CARPIO	802841	
DEVELOPMENT		PIMEPHALES PROMELAS	802841	
CARCHARHINIDAE		ICTALURIDAE		
CARCHARHINUS LEUCAS	800651	ICTALURUS MELAS	802841	
SALINITY		ICTALURUS PUNCTATUS	802841	
SALMONIDAE		ESOCIDAE		
ONCORHYNCHUS KETA	802029	ESOX LUCIUS	802841	
		SALMONIDAE	802841	
		GEOGRAPHIC VARIATION		
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		PERCIDAE		
		STIZOSTEDION LUCIOPERCA	803169	
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POLYMORPHISM		COTTIDAE		
INHERITANCE		MYOXOCEPHALUS QUADRICORNIS	803076	
CLUPEIDAE		CLUPEIDAE		
CLUPEA SPRATTUS	802140	CLUPEA SPRATTUS	802140	
SPRATTUS SPRATTUS	802140	CYPRINIDAE		
INFRASPECIFIC VARIATION		RUTILUS RUTILUS	803076	
ANGUILLIDAE		SCARDINIUS ERYTHROPHthalmus	803076	
ANGUILLA ANGUILLA	803117	SALMONIDAE		
GEOGRAPHIC VARIATION		SALMO TRUTTA	803076	
ANGUILLIDAE		SALMO SALAR	803076	
ANGUILLA ANGUILLA	801958	ULTRASTRUCTURE		
ADAPTIVE EVOLUTION		IMMUNOGLOBULIN		
POLYMORPHISM		DESCRIPTIVE EVOLUTION		
SCOMBRIDAE		ACIPENSEROMORPHA		
EUTHYNNUS PELAMIS	803006	POLYODON SPATHULA	803237	
THUNNUS ALBACARES	803006	BIOCHEMISTRY		
THUNNUS MACCOYII	803006	ARIIDAE		
		GALEICHTHYS FELIS	802777	
		ICTALURIDAE	802777	
		EXPERIMENTAL ANALYSIS		
		STRESS REACTIONS		
		SCORPAENIDAE		
		SEBASTISCUS MARMORATUS	801847	
		IODINE		
		FUNCTION		
		CHIMAEROMORPHA		
		HYDROLAGUS COLLIEI	802470	
		RAJIDAE		
		RAJA BINOCULATA	802470	
		SQUALIDAE		
		SQUALUS ACANTHIAS	802470	
		PERCIFORMES	802470	
		PLEURONECTIDAE		
		PLATICHTHYS STELLATUS	802470	
		PLEURONECTES COENOSUS	802470	
		CATOSTOMIDAE		
		CATOSTOMUS COMMERSONI	802470	
		CYPRINIDAE		
		CYPRINUS CARPIO	802470	
		BATRACHOIDIFORMES		
		PORICHTHYS NOTATUS	802470	
		GADIDAE		
		LOTA LOTA	802470	
		ESOCIDAE		
		ESOX LUCIUS	802470	
		SALMONIDAE		
		COREGONUS CLUPEAFORMIS	802470	
		SALMO GAIRDNERII	802470	
		THYMALLUS ARCTICUS	802470	
SERUM PROTEINS		LIPOPROTEINS		
PETROMYZONTOMORPHA	801911	ANGUILLIDAE		
LAMPETRA FLUVIATILIS	801812	ANGUILLA ANGUILLA	801911	
PETROMYZON MARINUS	801812			
SCYLIORHINIDAE				
SCYLIORHINUS STELLARIS	801911			
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801642			
ACIPENSER RUTHENUS	801642			
ACIPENSER STELLATUS	801642			
TELEOSTEI	801642			
CICHLIDAE				
TILAPIA MOSSAMBICA	800297			

BLOOD AND LYMPH (CONTINUED)	SALMONIDAE ONCORHYNCHUS GORBUSCHA	801820	DIPNOI LEPIDOSIREN PARADOXA NEOCERATODUS FORSTERI PROTOPTERUS AETHIOPICUS	800617 800617 800617
IMMUNITY				
DIGESTIVE SYSTEM	RETICULOENDOTHELIAL SYSTEM EXPERIMENTAL ANALYSIS CYPRINODONTIDAE FUNDULUS MAJALIS FUNDULUS HETEROCLITUS	802987 802987	GAS TRANSPORT BY BLOOD SCYLIORHINIDAE SCYLIORHINUS STELLARIS	801172 801173 801174 800516 800916
	IMMUNOLOGICAL REACTIONS PETROMYZONTOMORPHA PETROMYZON MARINUS CARCHARINIDAE MUSTELUS CANIS CENTRARCHIDAE LEPOMIS MACROCHIRUS PERCIDAE PERCA FLUVIATILIS SCOMBRIDAE SARDA CHILIENSIS ANGUILLIDAE ANGUILLA ANGUILLA CONGRIDAE CONGER CONGER MURAENIDAE MURAENA HELENA CYPRINIDAE CARASSIUS AURATUS CARASSIUS CARASSIUS BATRACHOIDIFORMES OPSANUS TAU SALMONIDAE SALMO SALAR BACTERIA PARASITES SHARED WITH MAN SERRANIDAE MORONE AMERICANA MAMMALIA CICHLIDAE TILAPIA MARIAE FURUNCULOSIS DISEASE SALMONIDAE EXPERIMENTAL ANALYSIS ICTALURIDAE ICTALURUS NEBULOSUS VIVIPARITY POECILIIDAE XIPHOPHORUS HELLERII TEMPERATURE CICHLIDAE PTEROPHYLLUM SCALARE	801032 801911 801160 801160 800254 802035 801161 801911 801911 801911 801911 800791 802035 800254 801911 803417 801336 802721 803301 803457 802528	TELEOSTEI NOTOTHENIIDAE ELECTROPHORIDAE ELECTROPHORUS ELECTRICUS SALMONIDAE SALMO GAIRDNERII	802363 801286
	IMMUNOLOGICAL ANALYSIS SALMONIDAE SALMO GAIRDNERII SALMO TRUTTA	802441 802441	GUT TELEOSTEI ISTIOPHORIDAE XIPHIIDAE XIPHIAS GLADIUS ARIIDAE ARIUS THALASSINUS CHANGE WITH AGE GALAXIIDAE GALAXIAS MACULATUS ANATOMY LAMPRIDIFORMES RADIICEPHALUS ELONGATUS PEMPHERIDAE PARAPRIACANTHUS PEMPHERIS POMACENTRIDAE MICROSPATHODON CHRYSURUS SALMONIDAE SALMO SALAR HISTOLOGY CHANNIFORMES CHANNA GACHUA CHANNA PUNCTATA CHANNA STRIATA CHANGE WITH AGE DISTICHODONTIDAE DISTICHODUS NILOTICUS DISTICHODUS ROSTRATUS FUNCTION LARVA CYPRINIDAE CARASSIUS AURATUS DEVELOPMENT CLUPEIDAE ALOSA PSEUDOHARENGUS HISTOLOGY CHIMAEROMORPHA CHIMAERA MOSTROSA RAJIDAE RAJA BATIS RAJA MONTAGUI CARCHARINIDAE EUGALEUS GALEUS MUSTELUS MUSTELUS SCYLIORHINIDAE SCYLIORHINUS CANICULUS HEXANCHIFORMES HEXANCHUS GRISEUS SQUALIDAE SQUALUS ACANTHIAS SQUATINIDAE SQUATINA SQUATINA CICHLIDAE TILAPIA MOSSAMBICA CYPRINIDAE CTENOPHARYNGODON IDELLA HYPOPHthalmichthys MOLITRIX SALMONIDAE SALMO GAIRDNERII FUNCTION CYPRINODONTIDAE FUNDULUS HETEROCLITUS FUNCTION ION AND WATER RELATIONSHIPS TELEOSTEI DEVELOPMENT GALAXIIDAE GALAXIAS MACULATUS DESCRIPTIVE EVOLUTION CALCIUM ION AND WATER RELATIONSHIPS STRONTIUM CYPRINIDAE CARASSIUS AURATUS	803166 803380 803380 800710 803235 800331 802959 802959 801052 803276 802937 802937 802937 803166 803166 801841 802904 803433 803433 803433 803433 803433 803433 801593 801593 801593 801219 803456 801269 802813 802520
	IMMUNIZATION TECHNIQUES PERCIDAE PERCA FLUVIATILIS CYPRINIDAE CARASSIUS CARASSIUS	801032 802035 802035 801030	BUCCAL CAVITY ANATOMY FUNCTION POMACENTRIDAE MICROSPATHODON CHRYSURUS	801052
	TISSUE TRANSPLANTATION CYPRINODONTIDAE RIVULUS MARMORATUS	800979		
	IMMUNOCYTES CENTRARCHIDAE LEPOMIS MACROCHIRUS BATRACHOIDIFORMES OPSANUS TAU	800254 800254		
	HEMODYNAMICS SCYLIORHINIDAE SCYLIORHINUS STELLARIS ELECTROPHORIDAE ELECTROPHORUS ELECTRICUS BRAIN CHOROID PLEXUS PETROMYZONTOMORPHA PETROMYZON MARINUS CYPRINIDAE CARASSIUS AURATUS EXPERIMENTAL ANALYSIS	801172 802363 803133 803133		

HISTOLOGY		EDESTOMORPHA	803398	DIGESTIVE SYSTEM
NOTOPTERIDAE		DEVELOPMENT		(CONTINUED)
NOTOPTERUS NOTOPTERUS	800290	ESOCIDAE		
		ESOX LUCIUS	801486	
		DESCRIPTIVE EVOLUTION		
		OSTEOLEPIDOMORPHA		
		EUSTHENOPTERON FOORDI	803412	
		ELPIDAE		
		ELOPS SAURUS	803412	
TONGUE		HISTOLOGY		
HISTOLOGY		POROLEPIDOMORPHA		
CHANNIFORMES		ONYCHODUS	801623	
CHANNA GACHUA	802937	PALEONISCIFORMES		
CHANNA STRIATA	802937	BIRGERIA	801623	
CHANNA PUNCTATA	802937	PERLEIDIFORMES		
FUNCTION		COLOBODUS	801623	
DIPNOI		ANATOMY		
LEPIDOSIREN PARADOXA	800324	POLYPTEROMORPHA		
		POLYPTERUS	801623	
		DEVELOPMENT		
		AGNATHA	801623	
		ACANTHODII	801623	
		ARTHRODIRA	801623	
		HOLOCEPHALI	801623	
		ELASMOBRANCHII	801623	
		DIPNOI	801623	
		RHIPIDISTIA	801623	
		COELACANTHINI	801623	
		CHONDROSTEI	801623	
		AMOMORPHA		
		AMIA CALVA	801623	
		SEMIONOTOMORPHA	801623	
		DESCRIPTIVE EVOLUTION		
		AGNATHA	801623	
		ACANTHODII	801623	
		ARTHRODIRA	801623	
		HOLOCEPHALI	801623	
		ELASMOBRANCHII	801623	
		DIPNOI	801623	
		RHIPIDISTIA	801623	
		COELACANTHINI	801623	
		CHONDROSTEI	801623	
		AMOMORPHA		
		AMIA CALVA	801623	
		SEMIONOTOMORPHA	801623	
		TELEOSTEI	801623	
		FUNCTION		
		DIPNOI		
		GNATHORHIZA	801381	
		DEVELOPMENT		
		PETROMYZONTOMORPHA		
		MORDACIA PRAECOX	801042	
		MORDACIA MORDAX	801042	
		DESCRIPTIVE EVOLUTION		
		ELASMOBRANCHII	800350	
		DIPNOI		
		GNATHORHIZA	801381	
		RHIPIDISTIA	800350	
		GILL ARCH TEETH		
		COELACANTHINI	801623	
		POLYPTEROMORPHA		
		POLYPTERUS	801623	
		TELEOSTEI	801623	
		ANATOMY		
		ELPIDAE		
		ELOPS HAWAIIENSIS	800772	
		GYMNARCHIDAE		
		GYMNARCHUS NILOTICUS	800772	
		HIDONTIDAE		
		HIDON ALOSIDES	800772	
		HIDON TERGISUS	800772	
		MORMYRIDAE	800772	
		NOTOPTERIDAE		
		NOTOPTERUS KAPIRAT	800772	
		PAPYROCERANUS AFER	800772	
		XENOMYSTUS NIGRI	800772	
		OSTEOGLOSSIDAE		
		ARAPAIMA GIGAS	800772	
		HETEROTIS NILOTICUS	800772	
		OSTEOGLOSSUM BICIRRHOSUM	800772	
		SCLEROPAGES FORMOSUS	800772	
		PANTODONTIDAE		
		PANTODON BUCHHOLZI	800772	
		DESCRIPTIVE EVOLUTION		
		OSTEOLEPIDOMORPHA		
		EUSTHENOPTERON FOORDI	803412	
		ELPIDAE		
		ELOPS SAURUS	803412	
		FUNCTION		
		MORMYRIDAE	800772	
		PANTODONTIDAE		
		PANTODON BUCHHOLZI	800772	
		PHARYNGEAL TEETH		
		TELEOSTEI	801623	
		ACANTHURIDAE	801351	
		CICHLIDAE		
		PELMATOCHROMIS ROLOFFI	800707	
		TRIGLIDAE		
		TRIGLA HIRUNDO	802165	
PHARYNX AND ESOPHAGUS				
ULTRASTRUCTURE				
ESOCIDAE				
ESOX LUCIUS	801605			
ORAL TEETH				
PETROMYZONTOMORPHA				
LAMPETRA FLUVIATILIS	803145			
DASYATIDAE				
HYPLOPHUS	801628			
CARCHARHINIDAE				
TRIAKIS FEHLMANNI	803065			
DIPNOI				
CERATODUS DONENSIS	801624			
CERATODUS MULTICRISTATUS	801624			
CERATODUS RECTICRISTATUS	801624			
GNATHORHIZA SERRATA	801792			
URANOLOPHUS WYOMINGENSIS	803402			
PYCNOTODONTOMORPHA				
ANOMAEODUS	801628			
GYRODUS	801628			
LOPHOTIDAE				
EUMECICHTHYS FISKI	803188			
BLENNIIDAE	802433			
MICRODESMIDAE				
MICRODESMUS DIPUS	802197			
MICRODESMUS DORSIPUNCTATUS	802197			
APOGONIDAE				
APOGON ROBINSI	801921			
CICHLIDAE				
PELMATOCHROMIS	800709			
GEMPYLIDAE				
SCOMBROLABRAX HETEROLEPIS	803019			
ISTIOPHORIDAE				
TETRAPTERUS AUDAX	802324			
TRICANTHIDAE				
TRICANTHUS BIACULEATUS	801918			
TRIXIPHICHTHYS WEBERI	801918			
TRICANTHODIDAE				
HOLLARDIA HOLLARDI	801918			
JOHNSONINA ERIOMMA	801918			
MACRORHAMPHOSODES PLATYCHEILUS	801918			
MACRORHAMPHOSODES URADOI	801918			
PARAHOLLARDIA LINEATA	801918			
TYDEMANIA NAVIGATORIS	801918			
HETERENCHELYIDAE	802713			
MURAENESOCIDAE	800402			
OPHICHTHIDAE				
ECHELUS MYRUS	802712			
ECHELUS PACHYRHYNCHUS	802712			
MYROPHIS PLUMBEUS	802712			
CITHARINIDAE				
HEMISTICHODUS LOOTENSI	801864			
MORMYRIDAE				
CAMPYLOMORMYRUS	801507			
JUVENILE				
ISTIOPHORIDAE				
TETRAPTERUS AUDAX	803071			
ANATOMY				
DIPNOI				
GNATHORHIZA	801381			
CHARACIDAE				
LADIGESIA ROLOFFI	800109			
PARALEPIDIDAE				
SUDIS HYALINA	800769			
HISTOLOGY				
CHONDRENCHELYOMORPHA				
CHONDRENCHELYS	803398			
COPODONTOMORPHA				
COPODUS SPATULATUS	803399			
HELODONTOMORPHA				
HELODUS	803398			
PSAMMODONTOMORPHA	803399			
PSAMMODUS RUGOSUS	803399			
COCHLIODONTOMORPHA				
COCHLIODUS CONTORTUS	803399			
DELTOPTYCHIUS	803398			
	803399			
MENASPIS ARMATA	803398			
	803399			
STREBLIDUS OBLONGUS	803399			
MYRIACANTHOMORPHA				
METOPACANTHUS GRANULATUS	803399			





<b>GASTRIC DIGESTION</b>			TINCA TINCA	801164	DIGESTIVE SYSTEM
ELASMOBRANCHII	802241		SALMONIDAE		(CONTINUED)
AMIO MORPHA			SALMO GAIRDNERII	801460	
AMIA CALVA	800075		ION AND WATER RELATIONSHIPS		
TELEOSTEI	802241		ANGUILLIDAE		
MUGILOIDEI			ANGUILLA JAPONICA	801197	
MUGIL CEPHALUS	800894		EXPERIMENTAL ANALYSIS		
MUGIL CUREMA	800894		ACANTHURIDAE		
CARANGIDAE			ACANTHURUS SANDVICENSIS	801419	
TRACHURUS JAPONICUS	801101		CICHLIDAE		
POMADASYIDAE			TILAPIA MOSSAMBICA	801419	
PARAPRISTIPOMA TRILINEATUM	801101		ION AND WATER RELATIONSHIPS		
BALISTIDAE			ANGUILLIDAE		
STEPHANOLEPIS CIRRHIFER	801101		ANGUILLA JAPONICA	801359	
TETRAODONTIDAE			CYPRINIDAE		
FUGU VERMICULARIS	801101		CARASSIUS AURATUS	800287	
GADIDAE			ICTALURIDAE		
GADUS MERLANGUS	801950		ICTALURUS NEBULOSUS	803115	
GADUS MORHUA	801950		DEVELOPMENT		
MELANOGRAMMUS AEGLEFINUS	801950		CYPRINIDAE		
SALMONIDAE			CTENOPHARYNGODON IDELLA	802043	
SALMO GAIRDNERII	801101		BIOCHEMISTRY		
	802333		PROTEIN SYNTHESIS		
FRY			COBITIDAE		
COTTOCOME PHORIDAE			MISGURNUS FOSSILIS	802037	
COTTOCOME PHORUS GREWINGKI	802487				
SEASONAL CHANGES			<b>PYLORIC CAECA</b>		
PERCIDAE			DNA CONTENT AND FUNCTION		
PERCA FLUVIATILIS	803496		RNA CONTENT AND FUNCTION		
STIZOSTEDION LUCIOPERCA	803496		CARANGIDAE		
GADIDAE			SERIOLA QUINQUERADIATA	802889	
LOTA LOTA	803496		SALMONIDAE	802889	
ESOCIDAE			ANATOMY		
ESOX LUCIUS	803496		HISTOLOGY		
HISTOLOGY			CHANNIFORMES		
LIPID AND FATTY ACID CONTENT			CHANNA GACHUA	802937	
CYPRINIDAE			CHANNA PUNCTATA	802937	
CARASSIUS AURATUS	801841		CHANNA STRIATA	802937	
EXPERIMENTAL ANALYSIS			DISTICHODONTIDAE		
CENTRARCHIDAE			DISTICHODUS NILOTICUS	803166	
LEPOMIS GIBBOSUS	802784		DISTICHODUS ROSTRATUS	803166	
	803141				
LUTJANIDAE			HISTOLOGY		
LUTJANUS BOHAR	803086		SCORPAENIDAE		
SILURIDAE			SEBASTES	800694	
SILURUS GLANIS	802450		SEBASTODES INERMIS	800694	
GADIDAE			BIOCHEMISTRY		
LOTA LOTA	802490		SALMONIDAE		
SALMONIDAE			ONCORHYNCHUS KETA	802890	
SALMO GAIRDNERII	803140		DEVELOPMENT		
			CLUPEIDAE		
<b>INTESTINE</b>			ALOSA PSEUDOHARENGUS	802904	
ACANTHURIDAE	801351		GADIDAE		
POECILIIDAE			LOTA LOTA	803499	
XIPHOPHORUS HELLERII	800699				
ALLOMETRY			<b>SPIRAL VALVE</b>		
POMACENTRIDAE			ABNORMALITY		
MICROSPATHODON CHRYSURUS	801052		ACIPENSEROMORPHA		
ANATOMY			ACIPENSER STURIO	800644	
HISTOLOGY					
DISTICHODONTIDAE			<b>INTESTINAL JUICES AND ENZYMES</b>		
DISTICHODUS NILOTICUS	803166		CARANGIDAE		
DISTICHODUS ROSTRATUS	803166		SERIOLA QUINQUERADIATA	801593	
HISTOLOGY			CICHLIDAE		
GASTEROSTEIDAE			TILAPIA MOSSAMBICA	801593	
GASTEROSTEUS ACULEATUS	800699		ANGUILLIDAE		
POECILIIDAE			ANGUILLA JAPONICA	801593	
POECILIA RETICULATA	800699		CYPRINIDAE	801593	
XIPHOPHORUS HELLERII	800699		SALMONIDAE		
ULTRASTRUCTURE			SALMO GAIRDNERII	801593	
EXOCEOTIDAE			BIOCHEMISTRY		
HEMIRAMPHUS SAJORI	801588		SALMONIDAE		
BIOCHEMISTRY			ONCORHYNCHUS KETA	802890	
ANGUILLIDAE					
ANGUILLA OCCIDENTALIS	801618				
SALMONIDAE			<b>INTESTINAL DIGESTION</b>		
SALMO GAIRDNERII	801618		CYPRINODONTIDAE		
SALMO TRUTTA	801618		FUNDULUS HETEROCLITUS	801219	
ULTRASTRUCTURE			GADIDAE		
FUNCTION			GADUS MERLANGUS	801950	
FRY			GADUS MORHUA	801950	
SALMONIDAE			MELANOGRAMMUS AEGLEFINUS	801950	
SALMO GAIRDNERII	801615			802333	
DEVELOPMENT			LARVA		
EXOCEOTIDAE			EXOCEOTIDAE		
HEMIRAMPHUS SAJORI	800922		HEMIRAMPHUS SAJORI	801588	
BIOCHEMISTRY			FRY		
PLOTOSIDAE			COTTOCOME PHORIDAE		
CNIDOGLANIS MEGASTOMUS	801284		COTTOCOME PHORUS GREWINGKI	802487	
FUNCTION			SEASONAL CHANGES		
GASTEROSTEIDAE			PERCIDAE		
GASTEROSTEUS ACULEATUS	800699		PERCA FLUVIATILIS	803496	
APLODACTYLIDAE			STIZOSTEDION LUCIOPERCA	803496	
GONIISTIUS ZONATUS	801460		GADIDAE		
BOTHIDAE			LOTA LOTA	803496	
PARALICHTHYS LETHOSTIGMA	800606		ESOCIDAE		
BALISTIDAE			ESOX LUCIUS	803496	
STEPHANOLEPIS CIRRHIFER	801460				
POECILIIDAE					
POECILIA RETICULATA	800699				
XIPHOPHORUS HELLERII	800699				
ANGUILLIDAE					
ANGUILLA JAPONICA	801460				
CYPRINIDAE					

DIGESTIVE SYSTEM (CONTINUED)			
HISTOLOGY	LIPID AND FATTY ACID CONTENT		PROTEIN CONTENT
CYPRINIDAE			COTTIDAE
CARASSIUS AURATUS			MYOXOCEPHALUS QUADRICORNIS
801841			803076
EXPERIMENTAL ANALYSIS			CYPRINIDAE
RUTILUS RUTILUS			803076
CYPRINIDAE			SCARDINIUS ERYTHROPTHALMUS
802016			803076
SALMONIDAE			SALMONIDAE
800794			SALMO SALAR
			803076
			SALMO TRUTTA
			803076
			DNA CONTENT AND FUNCTION
			SQUALIDAE
			SQUALUS ACANTHIAS
			803265
PANCREAS			SALMONIDAE
MINERAL CONTENT			ONCORHYNCHUS GORBUSCHA
COELACANTHINI			801887
LATIMERIA CHALUMNAE			ENZYMOLOGY
801227			PLEURONECTIDAE
ANATOMY			803135
SCOMBRIDAE			PLEURONECTES PLATESSA
801650			803135
HISTOLOGY			ENZYMOLOGY
PERCIDAE			NITROGEN METABOLISM
PERCA FLUVIATILIS			PETROMYZONTOMORPHA
803331			ENTOSPHEINUS TRIDENTATUS
803331			803132
GADIDAE			COMPARATIVE ENZYMOLOGY
LOLA LOTA			SCOMBRIDAE
803331			EUTHYNNUS PELAMIS
			801845
			SALMONIDAE
			801845
			SALMO GAIRDNERII
			INTERMEDIARY METABOLISM
			CARANGIDAE
			TRACHURUS TRACHURUS
			802017
LIVER			PERCIDAE
MINERAL CONTENT			PERCA FLUVIATILIS
COELACANTHINI			800569
LATIMERIA CHALUMNAE			CYPRINIDAE
801227			CYPRINUS CARPIO
LIPID AND FATTY ACID CONTENT			800569
GLUCOSE CONTENT			RUTILUS RUTILUS
CHIMAEROMORPHA			800569
HYDROLAGUS COLLEI			SALMONIDAE
801421			800569
SQUALIDAE			SALMO TRUTTA
801421			OXIDATIVE METABOLISM
SQUALUS ACANTHIAS			PETROMYZONTOMORPHA
POISON CONTENT			LAMPETRA FLUVIATILIS
LUTJANIDAE			801360
LUTJANUS BOHAR			LAMPETRA PLANERI
803086			800565
DNA CONTENT AND FUNCTION			LAMPETRA TRIDENTATA
RNA CONTENT AND FUNCTION			DASYATIDAE
CARANGIDAE			DASYATIS PASTINACA
SERIOLOA QUINQUERADIATA			801360
SCORPAENIDAE			ACIPENSEROMORPHA
SEBASTES VULPES			ACIPENSER TRANSMONTANUS
802889			800565
CYPRINIDAE			GOBIIDAE
CYPRINUS CARPIO			801360
802889			CARANGIDAE
802889			TRACHURUS MEDITERRANEUS
			801360
			CENTRARCHIDAE
			LEPOMIS MACROCHIRUS
			800565
			MICROPTERUS DOLOMIEUI
			800565
			POMOXIS ANNULARIS
			PERCIDAE
			PERCA FLAVESCENS
			800565
			SCORPAENIDAE
			SCORPAENA PORCUS
			801360
			CLUPEIDAE
			ALOSA SAPIDISSIMA
			800565
			CATOSTOMIDAE
			CATOSTOMUS MACROCHEILUS
			800565
			CYPRINIDAE
			CYPRINUS CARPIO
			800565
			ICTALURIDAE
			ICTALURUS PUNCTATUS
			800565
			PYLODICTIS OLIVARIS
			800565
			ESOCIDAE
			ESOX LUCIUS
			800565
			SALMONIDAE
			ONCORHYNCHUS KISUTCH
			800565
			ONCORHYNCHUS NERKA
			800565
			ONCORHYNCHUS TSHAWYTSCHA
			800565
			SALMO GAIRDNERII
			800565
			SALMO TRUTTA
			802676
			NITROGEN METABOLISM
			PETROMYZONTOMORPHA
			LAMPETRA TRIDENTATA
			803207
			ACIPENSEROMORPHA
			ACIPENSER TRANSMONTANUS
			803207
			CENTRARCHIDAE
			PERCIDAE
			PERCA FLAVESCENS
			803207
			CLUPEIDAE
			ALOSA SAPIDISSIMA
			803207
			CATOSTOMIDAE
			CATOSTOMUS MACROCHEILUS
			8032



OPSANUS TAU	800927	ION AND WATER RELATIONSHIPS		DIGESTIVE SYSTEM
FUNCTION		ELASMOBRANCHII	803456	(CONTINUED)
ANGUILLIDAE				
ANGUILLA ANGUILLA	800731			
EXPERIMENTAL ANALYSIS				EXCRETORY SYSTEM
ANGUILLIDAE				
ANGUILLA ANGUILLA	800634	KIDNEY		
PROTEIN SYNTHESIS		MINERAL CONTENT		
BATRACHOIDIFORMES		COELACANTHINI		
OPSANUS TAU	802180	LATIMERIA CHALUMNAE	801227	
ADENOSYLHOMOCYSTEINE		DNA CONTENT AND FUNCTION		
BIOCHEMISTRY		RNA CONTENT AND FUNCTION		
TORPEDINIDAE		CARANGIDAE		
TORPEDO OCELLATA	803312	SERIOLA QUINQUERADIATA	802889	
SCYLIORHINIDAE		SCORPAENIDAE		
SCYLIORHINUS STELLARIS	803312	SEBASTES VULPES	802889	
ANGUILLIDAE		CYPRINIDAE		
ANGUILLA	803312	CYPRINUS CARPIO	802889	
CYCLOPROPENES		SALMONIDAE	802889	
ABNORMALITY		ANATOMY		
SALMONIDAE		AMPHIPNOIDAE		
SALMO GAIRDNERII	801393	AMPHIPNOUS CUCHIA	800964	
GLYCERYL ETHER		DENTICIPITIDAE		
BIOCHEMISTRY		DENTICEPS CLUPEOIDES	800265	
CARCHARINIDAE		HISTOLOGY		
TRIAKIS SCYLLIA	801102	CARANGIDAE		
TRANSAMINASE		TRACHURUS JAPONICUS	801338	
BIOCHEMISTRY		PLATYCEPHALOIDEI		
SALMONIDAE		INEGOCIA MEERDERVOORTI	800714	
ONCORHYNCHUS	802427	ANGUILLIDAE		
TRYPTOPHAN PYRROLASE		ANGUILLA ANGUILLA	800833	
BIOCHEMISTRY		ULTRASTRUCTURE		
COMPARATIVE ENZYMOLOGY		PLEURONECTIDAE		
ICTALURIDAE		PAROPHRYUS VETULUS	801652	
ICTALURUS PUNCTATUS	803313	BIOCHEMISTRY		
VERDOHAEMOCHROME		CICHLIDAE		
BIOCHEMISTRY		TILAPIA MOSSAMBICA	801593	
SCOMBRIDAE		ANGUILLIDAE		
EUTHYNNUS VAGANS	800490	ANGUILLA JAPONICA	801593	
KATSUWONUS VAGANS	800490	CYPRINIDAE	801593	
SCOMBERESOCIDAE		CTENOPHARYNGODON IDELLA	801593	
COLOLABIS SAIRA	800490	SALMONIDAE		
ANGUILLIDAE		SALMO GAIRDNERII	801593	
ANGUILLA JAPONICA	800490	FUNCTION		
VITAMIN A		SEASONAL CHANGES		
BIOCHEMISTRY		GASTEROSTEIDAE		
CYPRINIDAE		GASTEROSTEUS ACULEATUS	800989	
CYPRINUS CARPIO	801596	BIOCHEMISTRY		
		CICHLIDAE		
		TILAPIA SPARRMANII	801594	
		TILAPIA MOSSAMBICA	801594	
		SALMONIDAE		
		SALMO GAIRDNERII	801594	
BILE		RENIN		
BIOCHEMISTRY		ACANTHURIDAE		
PETROMYZONTOMORPHA		PRIONURUS MICROLEPIDOTUS	801338	
PETROMYZON MARINUS	802953	APLODACTYLIDAE		
		GONIISTIUS ZONATUS	801338	
		CARANGIDAE		
HEPATIC DETOXIFICATION		SERIOLA QUINQUERADIATA	801338	
DFP		TRACHURUS JAPONICUS	801338	
EXPERIMENTAL ANALYSIS		CICHLIDAE		
DICHLORVOS		TILAPIA MOSSAMBICA	801338	
CENTRARCHIDAE		OPLEGNATHIDAE		
LEPOMIS MACROCHIRUS	802467	OPLEGNATHUS FASCIATUS	801338	
ICTALURIDAE		SERRANIDAE		
ICTALURUS PUNCTATUS	802467	LATEOLABRAX JAPONICUS	801338	
		SCOMBRIDAE		
		SCOMBER JAPONICUS	801338	
		BALISTIDAE		
		STEPHANOLEPIS CIRRHIFER	801338	
RECTUM		ANGUILLIDAE		
HISTOLOGY		ANGUILLA JAPONICA	801338	
BIOCHEMISTRY		CYPRINIDAE		
ANGUILLIDAE		CARASSIUS AURATUS	801338	
ANGUILLA OCCIDENTALIS	801618	CYPRINUS CARPIO	801338	
SALMONIDAE		LOPHIIDAE		
SALMO GAIRDNERII	801618	LOPHIUS LITULON	801338	
SALMO TRUTTA	801618	PLECOGLOSSIDAE		
		PLECOGLOSSUS ALTIVELIS	801338	
		SALMONIDAE		
		SALMO GAIRDNERII	801338	
		ABNORMALITY		
		INSECTICIDE POLLUTANTS		
RECTAL DIGESTION		CYPRINIDAE		
CYPRINODONTIDAE		CARASSIUS AURATUS	802753	
FUNDULUS HETEROCLITUS	801219	FUNCTION		
		ANGUILLIDAE		
		ANGUILLA JAPONICA	801460	
		ION AND WATER RELATIONSHIPS		
		MYXINOMORPHA	803456	
		ELASMOBRANCHII	803456	
		TELEOSTEI	803456	
RECTAL GLAND		EXPERIMENTAL ANALYSIS		
CYTOLOGY		SQUALIDAE		
ULTRASTRUCTURE		SQUALUS ACANTHIAS	801285	
RAJIDAE		BOTHIDAE		
RAJA BATIS	802656	PARALICHTHYS LETHOSTIGMA	800604	
CARCHARINIDAE		ANESTHETICS		
GALEORHINUS GALEUS	802656	SALMONIDAE		
SCYLIORHINIDAE		SALMO GAIRDNERII	802281	
SCYLIORHINUS CANICULUS	802656	DESCRIPTIVE EVOLUTION		
BIOCHEMISTRY		PETROMYZONTOMORPHA	800351	
ULTRASTRUCTURE		ELASMOBRANCHII	800351	
DASYATIDAE		POLYPTEROMORPHA	800351	
UROLOPHUS TESTACEUS	801912	AMOMORPHA	800351	
HETERODONTIFORMES		TELEOSTEI	800351	
HETERODONTUS PORTUSJACKSONI	801912			
FUNCTION				

[illegible]

<b>PERITONEUM</b>		<b>CYPRINODONTIDAE</b>		<b>COELOM</b>
GUANINE		FUNDULUS HETEROCLITUS	<b>802987</b>	(CONTINUED)
BIOCHEMISTRY		FUNDULUS MAJALIS	<b>802987</b>	
MYCTOPHIDAE				<b>REPRODUCTIVE SYSTEM</b>
MYCTOPHUM PUNCTATUM	<b>801764</b>			
SALMONIDAE				
ONCORHYNCHUS KISUTCH	<b>801764</b>			
<b>OVARY</b>		<b>OOGENESIS</b>		
CHAETODONTIDAE		TELEOSTEI	<b>801603</b>	
HOLACANTHUS ISABELITA X		LABRIDAE		
HOLACANTHUS CILIARIS X	<b>800581</b>	CRENILABRUS CINEREUS	<b>803023</b>	
DNA CONTENT AND FUNCTION		CENTRARCHIDAE		
RNA CONTENT AND FUNCTION		MICROPTERUS SALMOIDES X		
CHANGE WITH AGE		CHAENOBRYTTUS GULOS'JS X	<b>802068</b>	
CYPRINIDAE		PERCIDAE		
CYPRINUS CARPIO	<b>802889</b>	PERCA FLAVESCENS	<b>801026</b>	
SALMONIDAE		STIZOSTEDION LUCIOPERCA	<b>802811</b>	
SALMO GAIRDNERII	<b>802889</b>	CYTOLOGY		
UNILATERAL COMPENSATION		ACIPENSEROMORPHA		
SEASONAL CHANGES		ACIPENSER GUELLENSTAEDTI	<b>800819</b>	
HETEROPNEUSTIDAE		ACIPENSER RUTHENUS	<b>800819</b>	
HETEROPNEUSTES FOSSILIS	<b>803480</b>	EXPERIMENTAL ANALYSIS		
ANATOMY		ACIPENSEROMORPHA		
ICOSTEOIDEI		ACIPENSER GUELLENSTAEDTI	<b>800434</b>	
ICOSTEUS AENIGMATICUS	<b>802872</b>	ACIPENSER STELLATUS	<b>800434</b>	
ALABETIDAE		CYPRINIDAE		
ALABES RUFUS	<b>801954</b>	CTENOPHARYNGODON IDELLA	<b>801611</b>	
AMPHIPNOIDAE		HETEROPNEUSTIDAE		
AMPHIPNOUS CUCHIA	<b>800964</b>	HETEROPNEUSTES FOSSILIS	<b>801737</b>	
	<b>801954</b>			
DENTICIPITIDAE		<b>OVARIAN FOLLICLES</b>		
DENTICEPS CLUPEOIDES	<b>800265</b>	TELEOSTEI	<b>801603</b>	
ENGRAULIDAE		ULTRASTRUCTURE		
ANCHOA NASO	<b>802878</b>	MYXINOMORPHA	<b>800435</b>	
ENGRAULIS MORDAX	<b>802878</b>	PETROMYZONTOMORPHA	<b>800435</b>	
HETEROPNEUSTIDAE		TELEOSTEI	<b>800435</b>	
HETEROPNEUSTES FOSSILIS	<b>800907</b>	FUNCTION		
OPHIDIIDAE	<b>801578</b>	PETROMYZONTOMORPHA	<b>803457</b>	
DEXTRALITY OR SINISTRALITY		ELASMOBRANCHII	<b>803457</b>	
OSMERIDAE		TELEOSTEI	<b>803457</b>	
OSMERUS EPERLANUS	<b>802547</b>			
HISTOLOGY		<b>CORPORA LUTEA</b>		
ZOARCIDAE		ACIPENSEROMORPHA	<b>803187</b>	
LEUCOBROTULA ADIPATUS	<b>802793</b>	CLARIIDAE		
PARABROTULA PLAGIOPHTHALMUS	<b>802793</b>	CLARIAS BATRACHUS	<b>800713</b>	
FUNCTION		HISTOLOGY		
DEVELOPMENT		FUNCTION		
PETROMYZONTOMORPHA	<b>803390</b>	BAGRIDAE		
ELASMOBRANCHII	<b>803390</b>	MYSTUS TENGARA	<b>802595</b>	
TELEOSTEI	<b>803390</b>	SISORIDAE		
HISTOLOGY		GLYPTOTHORAX PECTINOPTERUS	<b>802632</b>	
PLATYCEPHALOIDEI		BIOCHEMISTRY		
INEGOCIA MEERDERVOORTI	<b>800714</b>	CYPRINIDAE		
HETEROPNEUSTIDAE		LABEO GONIUS	<b>802942</b>	
HETEROPNEUSTES FOSSILIS	<b>800907</b>	OXYGASTER CLUPEOIDES	<b>802942</b>	
ULTRASTRUCTURE		FUNCTION		
FUNCTION		SCYLIIORHINIDAE		
ORYZIATIDAE		SCYLIIORHINUS CANICULUS	<b>801832</b>	
ORYZIAS LATIPES	<b>802886</b>	EXPERIMENTAL ANALYSIS		
BIOCHEMISTRY		CICHLIDAE		
SEASONAL CHANGES		AEQUIDENS PULCHER	<b>803118</b>	
CYPRINIDAE		DEVELOPMENT		
CIRRHINA MRIGALA	<b>801326</b>	ZOARCIDAE		
BAGRIDAE		ZOARCES VIVIPARUS	<b>803328</b>	
MYSTUS SEENGHALA	<b>801327</b>	DEVELOPMENT		
FUNCTION		FUNCTION		
CYPRINIDAE		ELASMOBRANCHII	<b>803457</b>	
LABEO GONIUS	<b>802942</b>	TELEOSTEI	<b>803457</b>	
OXYGASTER CLUPEOIDES	<b>802942</b>			
IDENTIFICATION		<b>OVARIAN ENDOCRINE TISSUE</b>		
YOUNG		BAGRIDAE		
STIZOSTEDION VITREUM	<b>802851</b>	MYSTUS TENGARA	<b>802595</b>	
ABNORMALITY		SISORIDAE		
CYPRINIDAE		GLYPTOTHORAX PECTINOPTERUS	<b>802632</b>	
SCHIZOTHORAX NIGER	<b>802436</b>	GADIDAE		
EXPERIMENTAL ANALYSIS		MELANOGRAMMUS AEGLEFINUS	<b>801950</b>	
EMBIOCIDAE		ULTRASTRUCTURE		
CYMATOGASTER AGGREGATA	<b>800610</b>	CYPRINIDAE		
CYPRINIDAE		BRACHYDANIO RERIO	<b>801449</b>	
CARASSIUS AURATUS	<b>801356</b>	DANIO RERIO	<b>801449</b>	
HETEROPNEUSTIDAE		BIOCHEMISTRY		
HETEROPNEUSTES FOSSILIS	<b>800907</b>	CYPRINIDAE		
RNA CONTENT AND FUNCTION		LABEO GONIUS	<b>802942</b>	
CICHLIDAE		OXYGASTER CLUPEOIDES	<b>802942</b>	
AEQUIDENS PULCHER	<b>803118</b>	FUNCTION		
UNILATERAL COMPENSATION		ELASMOBRANCHII	<b>803457</b>	
CLARIIDAE		SCYLIIORHINIDAE		
CLARIAS BATRACHUS	<b>803479</b>	SCYLIIORHINUS CANICULUS	<b>801832</b>	
HETEROPNEUSTIDAE		TELEOSTEI	<b>803457</b>	
HETEROPNEUSTES FOSSILIS	<b>801361</b>	EXPERIMENTAL ANALYSIS		
	<b>801401</b>	TORPEDINIDAE		
	<b>803480</b>	TORPEDO MARMORATA	<b>801915</b>	
COURTSHIP		SCYLIIORHINIDAE		
POECILIIDAE		SCYLIIORHINUS STELLARIS	<b>801915</b>	
POECILIA RETICULATA	<b>801771</b>			
DEVELOPMENT				
FUNCTION				
PETROMYZONTOMORPHA	<b>803457</b>			
ELASMOBRANCHII	<b>803457</b>			
TELEOSTEI	<b>803457</b>			
MACROPHAGES				
EXPERIMENTAL ANALYSIS				



REPRODUCTIVE SYSTEM (CONTINUED)	ESTROGENS		OLIGOPUS DIAGRAMMUS	801578
	BIBLIOGRAPHY	800991	ZOARCIDAE	
	BIOCHEMISTRY		LEUCOBROTULA ADIPATUS	802793
	TORPEDINIDAE		PARABROTULA PLAGIOPHTHALMUS	802793
	TORPEDO MARMORATA	801915	ZOARCES VIVIPARUS	803328
	SCYLIORHINIDAE		HISTOLOGY	
	SCYLIORHINUS STELLARIS	801915	EMBIOTOCIDAE	
	FUNCTION		CYMATOGASTER AGGREGATA	801259
	PETROMYZONTOMORPHA	803457	EXPERIMENTAL ANALYSIS	
	ELASMOBRANCHII	803457	CARCHARHINIDAE	
	DIPNOI		MUSTELUS CANIS	801514
	PROTOPTERUS ANNECTENS	803457	DESCRIPTIVE EVOLUTION	
	TELEOSTEI	803457	RHIPIDISTIA	801601
	FUNCTION		DASYATIDAE	
	POECILIIDAE		TRYGON PASTINACA	800122
	POECILIA RETICULATA	801771		
	COURTSHIP			
	BELONTIIDAE			
	BETTA SPLENDENS	803460		
	CICHLIDAE	803460		
	BIOCHEMISTRY		PLACENTA	
	TORPEDINIDAE		DEVELOPMENT	
	TORPEDO MARMORATA	801454	FUNCTION	
	EXPERIMENTAL ANALYSIS		CARCHARHINIDAE	
	DEVELOPMENT		MUSTELUS CANIS	801514
	CYPRINIDAE			
	CARASSIUS AURATUS	801564		
	DEVELOPMENT			
	SCYLIORHINIDAE		PLACENTALIKE ORGANS	
	SCYLIORHINUS CANICULUS	801832	FUNCTION	
	EFFECT ON FISH		ANATOMY	
	CYPRINIDAE		ZOARCIDAE	
	CARASSIUS AURATUS	800357	PARABROTULA PLAGIOPHTHALMUS	802793
	ADENOHYPOPHYSIS			
	OOGENESIS			
	HETEROPNEUSTIDAE			
	HETEROPNEUSTES FOSSILIS	801737		
	LIVER			
	CARANGIDAE		OVARIAN CYCLES	802330
	TRACHURUS TRACHURUS	802017	PETROMYZONTOMORPHA	803457
	OVARY		ELASMOBRANCHII	803457
	HETEROPNEUSTIDAE		CARCHARHINIDAE	
	HETEROPNEUSTES FOSSILIS	801401	MUSTELUS CANIS	801514
	SEXUALLY DIMORPHIC TEETH		ACIPENSEROMORPHA	
	ORYZIATIDAE		ACIPENSER GULDENSTAEDTI	802486
	ORYZIAS LATIPES	803119		803342
	SEX REVERSAL		ACIPENSER RUTHENUS	802486
	ORYZIATIDAE		ACIPENSER STELLATUS	802486
	ORYZIAS LATIPES	802437	HUSO HUSO	802486
	UNILATERAL COMPENSATION		TELEOSTEI	803390
	OVARY			803457
	HETEROPNEUSTIDAE		ANABANTIDAE	
	HETEROPNEUSTES FOSSILIS	803480	ANABAS SCANDENS	801206
			BELONTIIDAE	
			TRICHOGASTER TRICHOPTERUS	803364
			Gobiidae	
			GLOSSOGOBIOUS GIURUS	801946
			GOBIUS GORLAP	802137
			GOBIUS NONULTIMUS	802137
			NEOGOBIOUS MELANOSTOMUS	802137
		NEOGOBIOUS SYRMAN	802137	
		LABRIDAE		
		CRENILABRUS CINEREUS	803023	
		CRENILABRUS PAVO	803023	
		MUGILOIDEI		
		ALDRICHETTA FORSTERI	802677	
		ACANTHOCLINIDAE		
		ACANTHOCLINUS QUADRIDACTYLUS	803215	
		CARANGIDAE		
		TRACHINOTUS CAROLINUS	803178	
		PERCIDAE		
		PERCA FLAVESCENS	801026	
		PERCA FLUVIATILIS	802801	
		POMADASYIDAE		
		PARAPRISTIPOMA TRILINEATUM	801092	
		ISTIOPHORIDAE		
		MAKAIRA NIGRICANS	802747	
		ANOPLOPOMATIDAE		
		ANOPLOPOMA FIMBRIA	803161	
		HEXAGRAMMIDAE		
		PLEUROGRAMMUS AZONUS	800760	
VIVIPARITY		POECILIIDAE		
ELASMOBRANCHII	803390	POECILIA RETICULATA	800672	
	803457	EXOCEOTIDAE		
DASYATIDAE		HEMIRAMPHUS MARGINATUS	801929	
UROLOPHUS JAMAICENSIS	801949	CLUPEIDAE		
MYLIOBATIDAE		CLUPEA HARENGUS	801966	
AETOBATUS NARINARI	801917	DOROSOMA CEPEDIANUM	801584	
CARCHARHINIDAE		HILSA ILISHA	802766	
TRIAKIS	803065	ENGRAULIDAE		
SPHYRNIDAE		SETIPINNA GODAVARIENSIS	801928	
SPHYRNA LEWINI	801949	CYPRINIDAE		
TELEOSTEI	803390	CARASSIUS AURATUS	803326	
	803457	CARASSIUS CARASSIUS	802485	
CLINIDAE		CYPRINUS CARPIO	802030	
LABRISOMUS NUCHIPINNIS	800173	RUTILUS RUTILUS	802448	
EMBIOTOCIDAE		TINCA TINCA		
HYPERPROSOPON ARGENTEUM	802869	BAGRIDAE		
SCORPAENIDAE		MYSTUS TENGARA	802595	
SEBASTODES PINNIGER	802397		802957	
OPHIDIIDAE				
APHYONUS	801578	CLARIIDAE		
BARATHRONUS	801578	CLARIAS BATRACHUS	800713	
BELLOTTIA APODA	801578	HETEROPNEUSTIDAE		
BROSOMOPHYSIS MARGINATUS	801578	HETEROPNEUSTES FOSSILIS	800907	
LEUCOCHLAMYS	801578	SISORIDAE		
LEUCOCHLAMYS CRYPTOPHTHALMUS	801578	GLYPTOTHORAX PECTINOPTERUS	802632	
MICROBROTULA RUBRA	801578	GADIDAE		
OLIGOPUS ATER	801578	POLLACHIUS VIRENS	802922	



REPRODUCTIVE SYSTEM  
(CONTINUED)

OPISTHOPTERIDAE			
WINTERIA TELESOPA	800409		
BATHYLACONOIDAE			
BATHYLACO NIGRICANS	801577		
ESOCIDAE			
ESOX LUCIUS	802972		
GALAXIIDAE			
GALAXIAS MACULATUS	803235		
GALAXIAS VULGARIS	801960		
OSMERIDAE			
OSMERUS EPERLANUS	800873		
	801126		
SALMONIDAE			
COREGONUS CLUPEIFORMIS	802563		
COREGONUS CYLINDRACEUS	803343		
COREGONUS HOYI	802749		
COREGONUS MUKSUN	800873		
COREGONUS PELED	800873		
	803199		
ONCORHYNCHUS KISUTCH	802341		
ONCORHYNCHUS NERKA	800768		
	802531		
ONCORHYNCHUS TSHAWYTSCHA	802345		
SALMO TRUTTA	800978		
	801494		
	802625		
	803179		
	803327		
SALVELINUS MALMA	800998		
SALVELINUS NAMAYCUSH	800768		
THYMALLUS ARCTICUS	800768		
	802351		
	802352		
MORPHOMETRICS			
CYPRINIDAE			
RUTILUS FRISII	802445		
SPERM			
INFRASPECIFIC VARIATION			
SALMONIDAE			
SALMO ISCHCHAN	803325		
CHANGE WITH AGE			
CYPRINIDAE			
RUTILUS RUTILUS	802917		
TINCA TINCA	802448		
GADIDAE			
LOTA LOTA	803498		
SALMONIDAE			
SALMO TRUTTA	802915		
NUTRITION			
SALMONIDAE			
SALMO TRUTTA	800966		
ARTIFICIAL SELECTION			
SALMONIDAE			
SALMO GAIRDNERII	802647		
GEOGRAPHIC VARIATION			
GOBIIDAE			
NEOGOBUS FLUVIATILIS	801281		
NEOGOBUS MELANOSTOMUS	801281		
DEVELOPMENT			
CICHLIDAE			
TILAPIA GALILAEA	801895		
ADAPTATION			
TELEOSTEI	802458		
HABITAT DESTRUCTION			
ACIPENSEROMORPHA			
ACIPENSER BAERI	802444		
ACIPENSER GULDENSTAEDTI	802444		
CLUPEIDAE			
CASPALOSA CASPIA	802444		
CLUPEA HARENGUS	802444		
ENGRAULIDAE			
ENGRAULIS	802444		
CYPRINIDAE	802444		
GADIDAE			
ELEGINUS NAVAGA	802444		
ESOCIDAE			
ESOX LUCIUS	802444		
SALMONIDAE			
SALMO GAIRDNERII	802444		
SALMO TRUTTA	802444		
FEMALE GENITAL PAPILLA			
GOBIIDAE			
COTTOGLOBUS YONGEI	801789		
PERCIDAE	801350		
ETHEOSTOMA BLENNIOIDES	800141		
ETHEOSTOMA RUPESTRE	802117		
ZOARCIDAE			
LEUCOBROTULA ADIPATUS	802793		
PARABROTULA PLAGIOPHTHALMUS	802793		
ESOCIDAE			
ESOX LUCIUS	800421		
ANATOMY			
CENTRARCHIDAE			
LEPOMIS MACROCHIRUS	800076		
EXPERIMENTAL ANALYSIS			
HETEROPNEUSTIDAE			
HETEROPNEUSTES FOSSILIS	801737		
TESTIS			
CHAETODONTIDAE			
HOLACANTHUS ISABELITA X			
HOLACANTHUS CILIARIS X	800581		
ANATOMY			
ALABETIDAE			
ALABES RUFUS	801954		
AMPHIPNOIDAE			
AMPHIPNOUS CUCHIA	800964		
	801954		
DENTICIPITIDAE			
DENTICEPS CLUPEOIDES	800265		
ENGRAULIDAE			
ANCHOA NASO	802878		
ENGRAULIS MORDAX	802878		
DEXTRALITY OR SINISTRALITY			
OSMERIDAE			
OSMERUS EPERLANUS	802547		
HISTOLOGY			
SCARIDAE			
NICHOLSINA DENTICULATA	803085		
SPARISOMA VIRIDE	803085		
OPHIDIIDAE	801578		
ZOARCIDAE			
LEUCOBROTULA ADIPATUS	802793		
PARABROTULA PLAGIOPHTHALMUS	802793		
BATHYLACONOIDAE			
BATHYLACO NIGRICANS	801577		
FUNCTION			
DEVELOPMENT			
PETROMYZONTOMORPHA	803390		
ELASMOBRANCHII	803390		
TELEOSTEI	803390		
HISTOLOGY			
PLATYCEPHALOIDEI			
INEGOCIA MEERDERVOORTI	800714		
BELONIDAE			
XENENTODON CANCELIA	800771		
CYPRINIDAE			
CARASSIUS AURATUS	800734		
SALMONIDAE			
SALMO ISCHCHAN	803325		
DESCRIPTIVE EVOLUTION			
COELACANTHINI			
LATIMERIA CHALUMNAE	803458		
BIOCHEMISTRY			
MUGILOIDEI			
MUGIL CEPHALUS	800564		
SEASONAL CHANGES			
CYPRINIDAE			
CIRRHINA MRIGALA	801326		
BAGRIDAE			
MYSTUS SEENGHALA	801327		
IDENTIFICATION			
YOUNG			
PERCIDAE			
STIZOSTEDION VITREUM	802851		
FUNCTION			
EMBIOTOCIDAE			
CYMATOGASTER AGGREGATA	800946		
CYPRINIDAE			
CARASSIUS AURATUS	800734		
EXPERIMENTAL ANALYSIS			
EMBIOTOCIDAE			
CYMATOGASTER AGGREGATA	800610		
CYPRINIDAE			
CARASSIUS AURATUS	801356		
RADIOACTIVITY			
ANDROGENS			
HETEROPNEUSTIDAE			
HETEROPNEUSTES FOSSILIS	803481		
COURTSHIP			
AGGRESSIVE BEHAVIOR			
POECILIIDAE			
XIPHOPHORUS MACULATUS	802679		
DEVELOPMENT			
SALMONIDAE			
ONCORHYNCHUS TSHAWYTSCHA	800074		
TEMPERATURE			
CRITICAL PERIOD			
CYPRINODONTIDAE			
RIVULUS MARMORATUS	802273		
EXPERIMENTAL ANALYSIS			
BELONTIIDAE			
MACROPODUS OPERCULARIS	802038		
SPERMATOGENESIS			
PETROMYZONTOMORPHA	801603		
	803458		
ELASMOBRANCHII	801603		
	803458		
TELEOSTEI	801603		
	803458		
CENTRARCHIDAE			
MICROPTERUS SALMOIDES X			
CHAENOBRYTTUS GULOSUS X	802068		
CYPRINODONTIDAE			
FUNDULUS HETEROCLITUS	803458		
SALMONIDAE			
ONCORHYNCHUS KETA	802891		
SALMO SALAR	802372		
ULTRASTRUCTURE			
RHINOBATIDAE			
RHINOBATOS CEMICULUS	800401		
BIOCHEMISTRY			
TELEOSTEI	800985		



EXPERIMENTAL ANALYSIS		EFFECT ON FISH		REPRODUCTIVE SYSTEM
POECILIIDAE		ADENOHYPOPHYSIS		(CONTINUED)
POECILIA SPHENOPS	801405	SALMONIDAE		
TEMPERATURE		SALMO GAIRDNERII	800896	
POECILIIDAE		OOGENESIS		
POECILIA RETICULATA	803051	FEMALE GENITAL PAPILLA		
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	801737	
		THYROID		
SERTOLI CELLS		BAGRIDAE		
FUNCTION		MYSTUS VITTATUS	801290	
TESTICULAR CYCLES			803485	
ELASMOBRANCHII	803458	LIVER		
TELEOSTEI	803458	CARANGIDAE		
ESOCIDAE		TRACHURUS TRACHURUS	802017	
ESOX LUCIUS	803458	SALMONIDAE		
		SALMO GAIRDNERII	800896	
		KIDNEY		
		CYPRINIDAE		
		CARASSIUS AURATUS	800895	
		OOGENESIS		
		CYPRINIDAE		
		CARASSIUS AURATUS	800895	
INTERSTITIAL TISSUE		TESTIS		
MASTACEMBELIDAE		BELONTIIDAE		
MACROGNATHUS ACULEATUM	800554	MACROPODUS OPERCULARIS	802038	
BELONIDAE		HETEROPNEUSTIDAE		
XENENTODON CANCELA	800771	HETEROPNEUSTES FOSSILIS	803481	
GADIDAE		SEASONAL SEXUAL COLORATION		
MELANOGRAMMUS AEGLEFINUS	801950	SEXUALLY DIMORPHIC KIDNEY		
HISTOLOGY		GASTEROSTEIDAE		
FUNCTION		GASTEROSTEUS ACULEATUS	802214	
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ELASMOBRANCHII	803458	ORYZIATIDAE		
TELEOSTEI	803458	ORYZIAS LATIPES	802437	
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DEVELOPMENT		CYPRINIDAE		
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GASTEROSTEIDAE		SALMONIDAE		
GASTEROSTEUS ACULEATUS	801298	SALMO GAIRDNERII	800896	
BIOCHEMISTRY		SEX RATIO		
HISTOLOGY		SEXUAL DIMORPHISM		
GASTEROSTEIDAE		CICHLIDAE		
GASTEROSTEUS ACULEATUS	803383	TILAPIA MOSSAMBICA	802692	
BLENNIIDAE	803383	COURTSHIP		
GOBIIDAE		POECILIIDAE		
GOBIUS PAGANELLUS	803383	XIPHOPHORUS MACULATUS	801733	
LABRIDAE				
CORIS JULIS	803383			
SOLEIDAE				
SOLEA SOLEA	803383			
BELONIDAE				
BELONE BELONE	803383			
CYPRINIDAE				
TINCA TINCA	803383			
		TESTICULAR CYCLES		
		PETROMYZONTOMORPHA	803458	
		ELASMOBRANCHII	803458	
		ACIPENSEROMORPHA		
		ACIPENSER GULDENSTAEDTI	802486	
			803342	
		ACIPENSER RUTHENUS	802486	
		ACIPENSER STELLATUS	802486	
		HUSO HUSO	802486	
		TELEOSTEI	803458	
		BELONTIIDAE		
		TRICHOASTER TRICHOPTERUS	803364	
		MASTACEMBELIDAE		
		MACROGNATHUS ACULEATUM	800554	
		ACANTHOCLINIDAE		
		ACANTHOCLINUS QUADRIDACTYLUS	803215	
		CARANGIDAE		
		TRACHINOTUS CAROLINUS	803178	
		ISTIOPHORIDAE		
		MAKAIIRA NIGRICANS	802747	
		BELONIDAE		
		XENENTODON CANCELA	800771	
		CLUPEIDAE		
		CLUPEA HARENGUS	801966	
		CYPRINIDAE		
		RUTILUS RUTILUS	802030	
		GADIDAE		
		POLLACHIUS VIRENS	802921	
		MERLUCCIIDAE		
		MERLUCCIIUS BILINEARIS	802484	
		GALAXIIDAE		
		GALAXIAS MACULATUS	803235	
		SALMONIDAE		
		COREGONUS CYLINDRACEUS	803343	
		ONCORHYNCHUS KETA	802109	
			802891	
			803325	
			802915	
		SALMO ISCHCHAN		
		SALMO TRUTTA		
		SEASONAL CHANGES		
		AMPHIPNOIDAE		
		AMPHIPNOUS CUCHIA	800288	
		HISTOLOGY		
		EMBIOTOCIDAE		
		CYMATOGASTER AGGREGATA	801259	
		EXPERIMENTAL ANALYSIS		
		LIGHT		
		PLECOGLOSSIDAE		
		PLECOGLOSSUS ALTIVELIS	802956	
CAUDAL FIN		MALE GENITAL PAPILLA		
POECILIIDAE		PERCIDAE	801350	
XIPHOPHORUS	802631	ETHEOSTOMA BLENNIOIDES	800141	
TESTIS		MOCHOKIDAE		
TELEOSTEI	803458			
DEVELOPMENT				
CYPRINIDAE				
CARASSIUS AURATUS	801564			
DEVELOPMENT				
MUGILOIDEI				
MUGIL CEPHALUS	800564			

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	ESOCIDAE		CALAMUS PENNATULA	800629
	ESOX LUCIUS	800421	SPARUS AURATUS	800629
SEXUAL DIMORPHISM	GALAXIIDAE			
	GALAXIAS MACULATUS	803235		
	SEASONAL CHANGES			
	EMBIOTOCIDAE			
	CYMATOGASTER AGGREGATA	801259	SYNCHRONOUS HERMAPHRODITISM	
	ANATOMY		CYPRINODONTIDAE	
	CENTRARCHIDAE		RIVULUS MARMORATUS	800979
	LEPOMIS MACROCHIRUS	800076		802273
	EXPERIMENTAL ANALYSIS			
	ANDROGENS			
	CICHLIDAE			
	TILAPIA MOSSAMBICA	802692		
			PROTOGYNOUS HERMAPHRODITISM	
			LABRIDAE	
			CORIS JULIS	800752
COPULATORY ORGANS				801673
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	STARKSIA ATLANTICA	801949	SPARIDAE	
	STARKSIA FASCIATA	801949	SPARUS CAERULEOSTICTUS	803131
	STARKSIA LEPICOELIA	801949	SYNBRANCHIDAE	
	STARKSIA NANODES	801949	MONOPTERUS	800812
	STARKSIA OCELLATA	801949	SYNBRANCHUS MARMORATUS	800812
			TYPHLOSYNBRANCHUS	800812
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			DESCRIPTIVE EVOLUTION	
PENIS			SYNBRANCHIDAE	
	OPHIDIIDAE		SYNBRANCHUS BENGALESIS	801954
	BELLOTTIA APODA	801758	SYNBRANCHUS MARMORATUS	801954
	ZOARCIDAE		TYPHLOSYNBRANCHUS BOUETI	801954
	LEUCOBROTULA ADIPATUS	802793		
	PARABROTULA PLAGIOPHTHALMUS	802793		
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			PLATYCEPHALOIDEI	
			INEGOCIA MEERDERVOORTI	800714
CLASPERS	ANATOMY			
	RAJIDAE		SEXUAL DIMORPHISM	
	BATHYRAJA ISOTRACHYS	802126	PETROMYZONTOMORPHA	
	BREVIRAJA COLESI	802126	ICHTHYOMYZON CASTANEUS	802190
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GONOPODIUM	RAJIDAE	802193	ICHTHYOMYZON UNICUSPIS	802190
			LAMPETRA LAMOTTEI	802190
			ACIPENSEROMORPHA	
			PSEUDOSCAPHIRHYNCHUS KAUFMANNI	802818
			BELONTIIDAE	
			SPAERICHTHYS OSPHROMENOIDES	802500
			BLENNIIDAE	800999
			Gobiidae	
			MICROGOBIUS CROCATUS	802058
			CICHLIDAE	
			NANOCHROMIS	800709
			PELMATOCHROMIS	800709
			PELMATOCHROMIS ROLOFFI	800707
			PELMATOCHROMIS TAENIATUS	803251
			TILAPIA MOSSAMBICA	802689
SPERMATOPHORE	OPHIDIIDAE		SCORPAENIDAE	
	BELLOTTIA APODA	801758	TRACHYSCORPIA CRISTULATA	803131
	ZOARCIDAE		CHARACIDAE	
	PARABROTULA PLAGIOPHTHALMUS	802793	ALESTES IMBERI	802689
	ANATOMY		CYPRINIDAE	
	FUNCTION		BARILIUS ZAMBEZENSIS	802689
	HORAICHTHYIDAE	801578	SISORIDAE	
	POECILIIDAE		CHILOGLANIS ANOTERUS	802689
	TOMEURUS GRACILIS	801578	MORMYRIDAE	
	OPHIDIIDAE	801578	PETROCEPHALUS CATOSTOMA	802689
			KNERIIDAE	
			KNERIA AURICULATA	802689
			SALMONIDAE	
			SALVELINUS MALMA	800998
	SPERMOZEUGMA	POECILIIDAE		FEEDING
TOMEURUS GRACILIS		801578	GADIDAE	
			LOTA LOTA	803499
			ABNORMALITY	
			POECILIIDAE	
HERMAPHRODITIC GONADS			POECILIA RETICULATA	800633
	MYXINOMORPHA	803390		
	ELASMOBRANCHII	803390	SEXUALLY DIMORPHIC SIZE	
	TELEOSTEI	803390	PETROMYZONTOMORPHA	
	CLUPEIDAE		LAMPETRA FLUVIATILIS	803320
	ALOSA PSEUDOHARENGUS	802125	ACIPENSEROMORPHA	
	NOTOPTERIDAE		ACIPENSER FULVESCENS	802416
	NOTOPTERUS NOTOPTERUS	801453	Gobiidae	
	MERLUCCIIDAE		NEOGOBIOUS MELANOSTOMUS	803330
	MERLUCCIUS MERLUCCIUS	800462	CENTRARCHIDAE	
	SALMONIDAE		LEPOMIS MEGALOTIS	801685
	SALVELINUS MALMA	802756	PERCIDAE	
	HISTOLOGY		STIZOSTEDION LUCIOPERCA	803074
	SCARIDAE		STIZOSTEDION VITREUM	800876
	SCARUS TAENIOPTERUS	803085		802851
SERRANIDAE			SERRANIDAE	
	CHELIDOPERCA HIRUNDINACEA	800629	MORONE SAXATILIS	802986
	EPINEPHELUS CHLOROSTIGMA	800629	ISTIOPHORIDAE	
	SERRANUS CABRILLA	800629	MAKAIRA NIGRICANS	802747
	SPARIDAE		PLEURONECTIDAE	
	CALAMUS PENNATULA	800629	HIPPOGLOSSUS HIPPOGLOSSUS	802139
	SPARUS AURATUS	800629	LIMANDA ASPERA	801097
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	SERRANIDAE			
	SERRANUS CABRILLA	800629		

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TRIGLIDAE		SYNGNATHIDAE		
TRIGLA HIRUNDO	802165	HIPPOCAMPUS KUDA	800636	
POECILIIDAE		FUNCTION		
POECILIA RETICULATA	803362	SYNGNATHIDAE		
EXOCOETIDAE		HIPPOCAMPUS KUDA	800636	
DERMOGENYS PUSILLUS	803363		800954	
HEMIRHAMPHODON POGONOGNATHUS	803363			
CLUPEIDAE				
HILSA ILISHA	802766			
ENGRAULIDAE		PEARL ORGANS		
ENGRAULIS MORDAX	802878	CYPRINIDAE		
CYPRINIDAE		PUNTIUS UMALII	802135	
ABRAMIS BRAMA	803190			
BARBUS ANOPLUS	802901			
BARBUS MOTEBENSIS	802901			
BARBUS TOPPINI	802901			
CYPRINUS CARPIO	800043			
	802485	NUPTIAL TUBERCLES		
BATRACHOIDIFORMES		CYPRINIDAE		
OPSANUS TAU	802988	BARBUS MOTEBENSIS	802901	
GADIDAE		BARBUS TOPPINI	802901	
MICROMESISTIUS POUTASSOU	801131	NOTROPIS AMOENUS	802211	
	801132	ZACCO BARBATUS	801891	
	802024	ZACCO PLATYPUS	801891	
TRISOPTERUS ESMARKII	801984	ZACCO SPILURUS	801891	
SALMONIDAE				
ONCORHYNCHUS TSHAWYTSCHA	800768			
SALMO TRUTTA	803084	SEXUALLY DIMORPHIC TEETH		
THYMALLUS ARCTICUS	802354	MULLIDAE		
THYMALLUS THYMALLUS	803075	PSEUDUPENEUS GRANDISQUAMIS	800148	
		PSEUDUPENEUS MACULATUS	800148	
		EXPERIMENTAL ANALYSIS		
		ESTROGENS		
		ORYZIATIDAE		
		ORYZIAS LATIPES	803119	
SEXUALLY DIMORPHIC BODY FORM				
BELONIDAE				
XENENTODON CANCELA	800971			
SALMONIDAE				
SALMO TRUTTA	801494			
PERMANENT SEXUAL COLORATION		SEXUALLY DIMORPHIC FINS		
BLENNIIDAE		PETROMYZONTOMORPHA		
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BLENNIUS ZVONIMIRI	803062	LABRIDAE		
CLINIDAE		CIRRHILABRUS CYANOPELURA	800877	
LABRISOMUS NIGRICINCTUS	801949	CHARACIDAE		
GOBIIDAE		LADIGESIA ROLOFFI	800109	
COTTOGOBIUS YONGEI	801789	COBITIDAE		
GOBIOSOMA RANDALLI	801920	LEPIDOCEPHALUS BIRMANICUS	800878	
GOBIOSOMA SPILOTUM	801920	LEPIDOCEPHALUS GUNTEA	800878	
LABRIDAE		LEPIDOCEPHALUS THERMALIS	800878	
CIRRHILABRUS CYANOPELURA	800877	CYPRINIDAE		
CORIS JULIS	801673	ALGANSEA MONTICOLA	803066	
HALICHOERES GARNOTI	801917	NOTROPIS WELAKA	802259	
	801949	PUNTIUS FILAMENTOSUS	803017	
HALICHOERES MARGARITACEUS	800952	ANAL FIN		
HALICHOERES PICTUS	801917	SALMONIDAE		
	801949	SALMO CARPIO	802399	
HALICHOERES POEYI	801917	SALMO LETNICA	802399	
HALICHOERES RADIATUS	801917	SALMO ISCHCHAN	802399	
HALICHOERES MACULIPINNA	801917	SALMO TRUTTA	802399	
HEMIPTERONOTUS MARTINICENSIS	801917	CAUDAL FIN		
HEMIPTERONOTUS NOVACULA	801917	DEVELOPMENTAL ANALYSIS		
HEMIPTERONOTUS SPLENDENS	801917	INHERITANCE		
THALASSOMA BIFASCIATUM	801917	POECILIIDAE		
SCARIDAE	801917	XIPHOPHORUS	802631	
	801949	EXPERIMENTAL ANALYSIS		
SCARUS COERULEUS	801917	ORYZIATIDAE		
SCARUS CROICENSIS	801917	ORYZIAS LATIPES	800662	
SCARUS TAENIOPTERUS	801917			
SCARUS VETULA	801917	SEXUALLY DIMORPHIC SKELETON		
SPARISOMA AUROFRENATUM	801917	GILL RAKERS		
SPARISOMA CHRYSOPTERUM	801917	ENGRAULIDAE		
SPARISOMA RADIANS	801917	ENGRAULIS ENCRASICOLUS	801399	
SPARISOMA VIRIDE	801917			
PERCIDAE		GIBBOUS FOREHEAD		
ETHEOSTOMA BELLUM	802192	LABRIDAE		
BELONIDAE		CENTROLABRUS EXOLETUS	800704	
XENENTODON CANCELA	800971	CORIS JULIS	800704	
BAGRIDAE		SCARIDAE		
LEIOCASSIS POECILOPTERUS	802896	SCARUS COERULEUS	801917	
SEASONAL SEXUAL COLORATION				
GASTEROSTEIDAE		SEXUALLY DIMORPHIC GAS BLADDER		
GASTEROSTEUS WHEATLANDI	802608	ANATOMY		
GOBIIDAE		FUNCTION		
PERIOPHTHALMUS CHRYSOSPILOS	803213	OPHIDIIDAE		
CYPRINIDAE		OTOPHIDIUM SCRIPPSI	802866	
BARBUS ANOPLUS	802901			
BARBUS MOTEBENSIS	802901			
BARBUS PALLIDUS	802901			
NOTROPIS AMOENUS	802211			
EXPERIMENTAL ANALYSIS		SEXUALLY DIMORPHIC KIDNEY		
GASTEROSTEIDAE		EXPERIMENTAL ANALYSIS		
GASTEROSTEUS ACULEATUS	802214	GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS	802214	



SEXUAL DIMORPHISM (CONTINUED)	BIOCHEMICAL SEX DIFFERENCES		SELAR KALLA	800441
	PETROMYZONTOMORPHA	801911	PERCIDAE	
ONTOGENY	SCYLIORHINIDAE		PERCA FLUVIATILIS	803018
	SCYLIORHINUS STELLARIS	801911	COTTIDAE	
	GADIDAE		HEMITRIPTERUS VILLOSUS	802108
	GADUS MORHUA	800178	TRIGLIDAE	
	SALMONIDAE		TRIGLA OBSCURA	800886
	SALMO SALAR	801911	CYPRINODONTIDAE	803391
	OXYGEN CONSUMPTION		NOTHOBRANCHIUS	803391
	CALLIONYMOIDEI		BELONIDAE	
	CALLIONYMUS LYRA	802239	TYLOSURUS CROCODILUS	801930
	LIPID AND FATTY ACID CONTENT		EXOCOETIDAE	
	CLUPEIDAE		HYPORHAMPHUS QUOYI	800448
	CLUPEA HARENGUS	801871	CLUPEIDAE	
	GLUCOSE CONTENT		OPISTHOPTERUS TARDOORE	801931
	CATOSTOMIDAE		MURAENIDAE	800440
	CATOSTOMUS COMMERSONII	800950	CYPRINIDAE	
	ESOCIDAE		ABRAMIS BRAMA	802150
	ESOX LUCIUS	800950	BARBUS HOLUBI	802254
	POISON CONTENT		MERLUCCIIDAE	
	LUTJANIDAE		MERLUCCIUS BILINEARIS	802484
	LUTJANUS BOHAR	803086	ZOARCIDAE	
	COLOR VISION		ZOARCES VIVIPARUS	803328
	GASTEROSTEIDAE		GALAXIIDAE	
	GASTEROSTEUS ACULEATUS	802240	GALAXIAS VULGARIS	801960
	SERUM PROTEINS		SALMONIDAE	
	PERCIDAE		SALVELINUS MALMA	800998
	STIZOSTEDION LUCIOPERCA	803169	LDH ISOENZYMES	
	AMINO ACIDS		SALMONIDAE	
	POECILIIDAE		SALMO TRUTTA X	
	POECILIA SPHENOPS	802930	SALMO GAIRDNERII X	803356
	IODINE		TEMPERATURE	
	SERUM PROTEINS		EXPERIMENTAL ANALYSIS	
	CHIMAEROMORPHA		SALINITY	
	HYDROLAGUS COLLIEI	802470	GADIDAE	
	RAJIDAE		MELANOGRAMMUS AEGLEFINUS	802922
	RAJA BINOCULATA	802470	BIOCHEMISTRY	
	SQUALIDAE		WATER CONTENT	
	SQUALUS ACANTHIAS	802470	LIPID AND FATTY ACID CONTENT	
	PERCIFORMES	802470	SALMONIDAE	
	PLEURONECTIDAE		SALMO GAIRDNERII	802945
	PLATICHTHYS STELLATUS	802470	ABNORMALITY	
	CATOSTOMIDAE		SALMONIDAE	
	CATOSTOMUS COMMERSONII	802470	SALMO GAIRDNERII	800395
	CYPRINIDAE		EXPERIMENTAL ANALYSIS	
	CYPRINUS CARPIO	802470	TEMPERATURE	
	BATRACHOIDIFORMES		CYPRINIDAE	
	PORICHTHYS NOTATUS	802470	BRACHYDANIO RERIO	802943
	GADIDAE		VIMBA VIMBA	802804
	LOTA LOTA	802470	EFFECT ON FISH	
	ESOCIDAE		TEMPERATURE	
	ESOX LUCIUS	802470	GALAXIIDAE	
	SALMONIDAE		GALAXIAS MACULATUS	801959
	COREGONUS CLUPEAFORMIS	802470	DEUTERIUM	
	SALMO GAIRDNERII	802470	EXPERIMENTAL ANALYSIS	
	THYMALLUS ARCTICUS	802470	SALMONIDAE	
			SALVELINUS FONTINALIS	803056
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	PERCIDAE		EGG	
	STIZOSTEDION VITREUM	802851	GOBIIDAE	803162
	CLUPEIDAE		CHAENOGOBIOUS UROTAENIA	802892
	ALOSA PSEUDOHARENGUS	801881	ICOSTEOIDEI	
	HEAVY METAL POLLUTANTS		ICOSTEUS AENIGMATICUS	802872
	POECILIIDAE		NOTOTHENIIDAE	
	XIPHOPHORUS MACULATUS	802852	HARPAGIFER BISPINIS	801010
	CYPRINIDAE		CARANGIDAE	800441
	PIMEPHALES PROMELAS	802852	CARANX CARANGUS	800441
			SELAR KALLA	800441
			SERIOLA QUINQUERADIATA	801677
			TRACHURUS TRACHURUS	803040
			CICHLIDAE	
			SYMPHYSDON	801656
			BOTHIDAE	
			ARNOGLOSSUS LATERNA	803040
			PHRYNORHOMBUS REGIUS	801995
			PLEURONECTIDAE	
			PLEURONECTES MICROCEPHALUS	803040
			SOLEIDAE	
			BUGLOSSIDIUM LUTEUM	803040
			PEGUSA LASCARIS	801995
			SOLEA SOLEA	803040
			COTTIDAE	
			HEMITRIPTERUS VILLOSUS	802108
			SCORPAENIDAE	
			SCORPAENA PORCUS	802002
			TRIGLIDAE	
			TRIGLA OBSCURA	800886
			CAPROIDAE	
			CAPROS APER	803040
			ATHERINIDAE	
			LABIDESTHES SICULUS	802733
			BELONIDAE	
			TYLOSURUS CROCODILUS	801930
			EXOCOETIDAE	
			HEMIRAMPHUS MARGINATUS	801929
			HYPORHAMPHUS QUOYI	800448
			CLUPEIDAE	
			OPISTHOPTERUS TARDOORE	801931
			ENGRAULIDAE	
			ANCHOA NASO	802878
			CETENGRAULIS MYSTICETUS	802878
			ENGRAULIS MORDAX	802878
			CONGRIDAE	
			GNATHOPHIS CAPENSIS	803331
GENERAL EMBRYOLOGY				
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	ICHTHYOMYZON CASTANEUS	802190		
	ICHTHYOMYZON FOSSOR	802190		
	ICHTHYOMYZON UNICUSPIS	802190		
	LAMPETRA LAMOTTEI	802190		
	PETROMYZON MARINUS	802190		
	SYNGNATHIDAE			
	SYNGNATHOIDES BIACULEATUS	800445		
	GOBIIDAE			
	CHAENOGOBIOUS UROTAENIA	802892		
	ACANTHOCLINIDAE			
	ACANTHOCLINUS QUADRIDACTYLUS	803215		
	CARANGIDAE	800441		
	CARANX CARANGUS	800441		

CALLICHTHYIDAE		FUNCTION		ONTOGENY
CORYDORAS PALEATUS	801714	BADIDAE		(CONTINUED)
GADIDAE		BADIS BADIS	803012	
CILIATA MUSTELA	803040	HISTOLOGY		
GALAXIIDAE		CICHLIDAE		
GALAXIAS MACULATUS	801959	TILAPIA MOSSAMBICA	800427	
GALAXIAS VULGARIS	801960	CYPRINIDAE		
GONOSTOMATIDAE	803040	ZACCO PLATYPUS	801483	
PROTEIN CONTENT		CYTOLOGY		
LIPID AND FATTY ACID CONTENT		PERCIDAE		
MINERAL CONTENT		PERCA FLAVESCENS	801026	
SALMONIDAE	803160	ULTRASTRUCTURE		
LIPID AND FATTY ACID CONTENT		TELEOSTEI	800435	
GADIDAE		LABRIDAE		
ELEGINUS NAVAGA	801138	CRENILABRUS MEDITERRANEUS	802252	
	803186	CRENILABRUS CINEREUS	802252	
NITROGENOUS CONTENT		PLEURONECTIDAE		
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LEPOMIS MEGALOTIS	801685
CORYPHAENIDAE	
CORYPHAENA HIPPIURUS	802726
PERCIDAE	802482
STIZOSTEDION LUCIOPERCA	802481
STIZOSTEDION VITREUM	800876

POMACENTRIDAE	800777
HYPSPOPS RUBICUNDA	800777
SPARIDAE	
HOLOPAGRUS GUENTHERI	801711
TRICHIURIDAE	
LEPIDOPUS XANTUSI	801858
CHIASMODONTIDAE	
KALLINOGON	801858

AGONIDAE	801858
XENERETMUS LATIFRONS	801858
CYCLOPTERIDAE	801858
CAREPROCTUS MELANURUS	801858
ZANIOLEPIDIDAE	801858
ZANIOLEPIS FRENATA	801858
ATHERINIDAE	802733
LABIDESTHES SICULLUS	802482
CLUPEIDAE	802482
DERICHTHYIDAE	801858
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NEMICHTHYS SCOLOPACEUS	801858
NETTASTOMATIDAE	801858
FACCIOLELLA GILBERTI	801858
OPHICHTHIDAE	801858
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SERRIVOMERIDAE	801858
SERRIVOMER SECTOR	802482
CYPRINIDAE	801925
ABRAMIS BRAMA	801925

CYPRINUS CARPIO 802481  
MORIDAE 802481

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OGCOCEPHALIDAE	
ZALIEUTES ELATER	801858
GALAXIIDAE	
GALAXIAS MACULATUS	803235
GALAXIAS VULGARIS	801960
MYCTOPHIDAE	801858
OSMERIDAE	802482
SALMONIDAE	
COREGONUS	802482
SALMO SALAR	802579
GONOSTOMATIDAE	
DANAPHOS OCLATUS	801858
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IDIACANTHUS ANTROSTOMUS	801858
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STOMIAS ATRIVENTER	801858
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SQUALUS ACANTHIAS	800563
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PLATYCEPHALOIDEI	
INEGOCIA MEERDERVOORTI	800714
SYNBRANCHIDAE	
MONOPTERUS	800812
SYNBRANCHUS MARMORATUS	800812
TYPHLOSYNBRANCHUS	800812
ORYZIATIDAE	
ORYZIAS LATIPES	800661
INHERITANCE	
POECILIIDAE	
XIPHOPHORUS MACULATUS	803300
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CYPRINIDAE		ONCORHYNCHUS TSHAWYTSCHA	801066	GROWTH (CONTINUED)
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ABRAMIS BRAMA	800834	PROSOPIUM CYLINDRACEUM	802391	
	801796	SALMO GAIRDNERII	800344	
	801925		800978	
	802150		802156	
	802447		802353	
	802451		802559	
	803191		802748	
	803495		802864	
BLICCA BJOERKNA	802048		803045	
CATLA CATLA	803293	SALMO ISCHCHAN	801509	
CHONDROSTOMA NASUS	802947	SALMO SALAR	801503	
CTENOPHARYNGODON IDELLA	803039	SALMO TRUTTA	800978	
CULTER ALBURNUS	802048		801440	
CYPRINUS CARPIO	800042		801494	
	800043		801503	
	800344		802253	
	802156		802914	
	803039		802947	
GNATHOPOGON CAERULESCENS	801658		803045	
HYPOPHthalmichthys MOLITRIX	803039		803079	
LEUCISCUS BRANDTI	803189		803084	
LEUCISCUS CEPHALUS	802947		803179	
PIMEPHALES PROMELAS	802702	SALVELINUS ALPINUS	803083	
RUTILUS RUTILUS	802048	SALVELINUS FONTINALIS	802559	
	803191	SALVELINUS LEUCOMAEINIS	803189	
SCARDINIUS ERYTHROPHthalmus	802048	SALVELINUS NAMAYCUSH	801028	
TINCA TINCA	802448		802353	
	802802		802407	
ARIIDAE			802573	
TACHYSURUS SONA	803421		803073	
ICTALURIDAE		STENODUS LEUCICHTHYS	802356	
ICTALURUS PUNCTATUS	800344	THYMALLUS ARCTICUS	802351	
	800882		802353	
	801379		802354	
	802156	THYMALLUS THYMALLUS	803075	
	802533	CHAULIODONTIDAE		
	802708	CHAULIODUS MACOUNI	801858	
	803248	GONOSTOMATIDAE		
GADIDAE		CYCLOTHONE ACCLINIDENS	801858	
ELEGINUS NAVAGA	801138	IDIACANTHIDAE		
GADUS MORHUA	801692	IDIACANTHUS ANTHOSTOMUS	801858	
	802300	MALACOSTEIDAE		
MICROMESISTIUS POUTASSOU	801132	ARISTOSTOMIAS SCINTILLANS	801858	
	801133	STERNOPTYCHIDAE		
	802024	ARGYROPELECUS PACIFICUS	801858	
TRISOPTERUS ESMARKII	801127		801035	
	801128		802334	
	801130	LARVA		
	801984	CLUPEIDAE		
MACROURIDAE		CLUPEA HARENGUS	801481	
NEZUMIA STELGIDOLEPIS	801858	CYPRINIDAE		
OPHIIDAE		ABRAMIS BRAMA	803497	
OTOPHIDIUM TAYLORI	801858	LEUCISCUS CEPHALUS	802626	
ONEIRODIDAE		FRY		
ONEIRODES ACANTHIAS	801858	COTTOCOMEPHORIDAE		
GIGANTURIDAE		COTTOCOMEPHORUS GREWINGKI	802487	
BATHYLEPTUS LISAE	801858	SALMONIDAE		
RONDELETIDAE		ONCORHYNCHUS KETA	802306	
RONDELETIA LORICATA	801858	SALVELINUS MALMA	800998	
ALEPOCEPHALOIDEI		YOUNG		
ALEPOCEPHALUS TENEBROSUS	801858	BELONTIIDAE		
SAGAMICHTHYS ABEI	801858	BETTA SPLENDENS	803362	
ARGENTINIDAE		PERCIDAE		
ARGENTINA SIALIS	801858	PERCA FLUVIATILIS	803018	
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	801124	PLEURONECTIDAE		
	801125	PLEURONECTES PLATESSA	802908	
OPISTHOPTERIDAE		POECILIIDAE		
DOLICHOPTERYX LONGIPES	801858	POECILIA RETICULATA	803362	
ESOCIDAE		ESOCIDAE		
ESOX LUCIUS	800840	ESOX LUCIUS	802972	
	802353	SALMONIDAE		
	802356	ONCORHYNCHUS KISUTCH	802578	
	803191	SALMO SALAR	801480	
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ESOX MASQUINONGY		SALMONIDAE		
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GALAXIAS VULGARIS	801960	GEOGRAPHIC VARIATION		
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MYCTOPHIDAE		ENGRAULIS ENCRASICOLUS	803165	
SYMBOLOPHORUS CALIFORNIENSIS	801858	SALMONIDAE		
NEOSCOPELIDAE		ONCORHYNCHUS KETA	802885	
SCOPELENGYS TRISTIS	801858	VARIATION WITH AGE		
OSMERIDAE		CYPRINIDAE		
HYPOMESUS OLIDUS	803189	CYPRINUS CARPIO	801550	
MALLOTUS VILLOSUS	801117	CAPTIVE VS NATURAL FISH		
	801121	CYPRINIDAE		
	801122	CYPRINUS CARPIO	801551	
OSMERUS EPERLANUS	801126	ONCORHYNCHUS KISUTCH	800768	
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COREGONUS CLUPEAFORMIS	802563	NOTOTHENIIDAE		
COREGONUS CYLINDRACEUS	803343	TREMATOMUS BERNACCHII	803098	
COREGONUS HOYI	802749	POPULATION CHANGES		
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	803292	ASPIUS ASPIUS	803347	
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ONCORHYNCHUS NERKA X	803474	ONCORHYNCHUS TSHAWYTSCHA	801818	
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	802353	POECILIIDAE		
ONCORHYNCHUS NERKA	802768	POECILIA RETICULATA	801080	
	803182		802693	
ONCORHYNCHUS NERKA X		CYPRINIDAE		
ONCORHYNCHUS KETA X	803474			

GROWTH (CONTINUED)	CARASSIUS AURATUS		800895	ONCORHYNCHUS NERKA X		
	ICTALURIDAE			ONCORHYNCHUS KETA X		803474
	ICTALURUS PUNCTATUS		802850	SALMO ISCHCHAN		801509
	SALMONIDAE			SALMO TRUTTA		802947
	SALMO GAIRDNERII		800896			803327
	FRY			SALVELINUS ALPINUS		803083
	THYROID			THYMALLUS THYMALLUS		803075
	SALMONIDAE					802327
	ONCORHYNCHUS TSHAWYTSCHA		803142	RATE OF GROWTH		
	SALMO GAIRDNERII		803142	CARANGIDAE		
	LIGHT			TRACHINOTUS CAROLINUS		803178
	PLECOGLOSSIDAE			MATHEMATICAL POPULATION MODELS		802616
	PLECOGLOSSUS ALTIVELIS		802956			
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	POECILIIDAE					
	XIPHOPHORUS HELLERII		802366			
	INSECTICIDE POLLUTANTS			COEFFICIENT OF CONDITION		
	SALMONIDAE			ACIPENSEROMORPHA		802486
	SALVELINUS FONTINALIS		802580	CENTRARCHIDAE		
	DESCRIPTIVE EVOLUTION			LEPOMIS MACROCHIRUS		800343
	SEASONAL CHANGES					802651
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	PLEURONECTES PLATESSA		802521	POMOXIS ANNULARIS		802651
	SALMONIDAE		802521	POMOXIS NIGROMACULATUS		802651
	DEUTERIUM			CICHLIDAE		
EXPERIMENTAL ANALYSIS			TILAPIA MOSSAMBICA		803167	
EGG			PERCIDAE			
SALMONIDAE			STIZOSTEDION CANADENSE		802653	
SALVELINUS FONTINALIS		803056	STIZOSTEDION LUCIOPERCA		802821	
			CYPRINIDAE			
			ABRAMIS BALLERUS		802822	
			ABRAMIS BRAMA		803190	
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KUHLIIDAE			ASPIUS ASPIUS		803347	
KUHLIA SANDVICENSIS		801476	CYPRINUS CARPIO		801549	
PERCIDAE			LEUCISCUS BRANDTI		803189	
STIZOSTEDION VITREUM		800876	LEUCISCUS CEPHALUS		803138	
CLUPEIDAE			ICTALURIDAE			
ALOSA PONTICA		802000	ICTALURUS MELAS		802651	
CLUPEA HARENGUS		800756	GADIDAE			
ICTALURIDAE			ELEGINUS NAVAGA		801138	
ICTALURUS PUNCTATUS		802708	LOTA LOTA		803498	
GADIDAE					803499	
GADUS MORHUA		801692	TRISOPTERUS ESMARKII		801984	
SALMONIDAE		802353	SALMONIDAE			
COREGONUS NASUS		802354	COREGONUS AUTUMNALIS		802496	
PROSOPIUM CYLINDRACEUM		802354	ONCORHYNCHUS KETA		802109	
SALMO GAIRDNERII		802347	ONCORHYNCHUS MASOU		802670	
THYMALLUS ARCTICUS		802349	SALMO TRUTTA		801440	
		802354			803179	
			THYMALLUS ARCTICUS		802496	
					802327	
			CAPTIVE VS NATURAL FISH			
			CARANGIDAE			
			TRACHINOTUS CAROLINUS		803178	
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PETROMYZONTOMORPHA			ACANTHOCLINIDAE			
LAMPETRA FLUVIATILIS		803320	ACANTHOCLINUS QUADRIDACTYLUS		803215	
SQUALOMORPHA		803241	CYPRINIDAE			
ACIPENSEROMORPHA			CYPRINUS CARPIO		801548	
ACIPENSER FULVESCENS		802416	TINCA TINCA		802448	
GASTEROSTEIDAE			HOST PARASITE INTERACTIONS			
GASTEROSTEUS ACULEATUS		802459	CESTODA			
CENTRARCHIDAE		801877	PERCIDAE			
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SCIAENIDAE			ALLOMETRY			
CYNOSCION NOBILIS		803096	OSTEOLEPIDOMORPHA			
OTOLITHOIDES BRUNNEUS		801940	EUSTHENOPTERON FOORDI		801953	
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		802985	MICRODESMUS DORSIPUNCTATUS		802197	
ISTIOPHORIDAE			SCOMBRIDAE			
ISTIOPHORUS PLATYPTERUS		802740	ACANTHOCYBIUM SOLANDRI		801825	
MAKAIRA NIGRICANS		802747	BOTHIDAE			
TETRAPTERUS AUDAX		802740	CITHARICHTHYS GILBERTI		803152	
SCOMBRIDAE			TRIGLIDAE			
EUTHYNNUS PELAMIS		802740	TRIGLA HIRUNDO		802165	
THUNNUS ALALUNGA		800523	MORINGUIDAE			
		802740	MORINGUA JAVANICA		803307	
THUNNUS ALBACARES		802740	CHARACIDAE			
THUNNUS OBESUS		800523	BRYCONOPS INPAI		803311	
ANOPILOPOMATIDAE			CYPRINIDAE			
ANOPILOPOMA FIMBRIA		800755	CHROSOMUS EOS		802066	
CLUPEIDAE			CHROSOMUS ERYTHROGASTER		802066	
ALOSA PONTICA		802000	CYPRINUS CARPIO		800754	
ENGRAULIDAE			GALAXIIDAE			
SETIPINNA GODAVARIENSIS		801928	GALAXIAS MACULATUS		803235	
CATOSTOMIDAE		801877	HEAD			
CYPRINIDAE			CLUPEIDAE			
ABRAMIS BRAMA		803495	CLUPEA HARENGUS		803198	
CHONDROSTOMA NASUS		802947	CYPRINIDAE			
ARIIDAE			ASPIUS ASPIUS		803198	
TACHYSURUS SONA		803421	CHONDROSTOMA NASUS		803198	
BATRACHOIDIFORMES			CYPRINUS CARPIO		803198	
OPSANUS TAU		802988	HYPOPHthalmichthys MOLITRIX		803198	
GADIDAE			GADIDAE			
GADUS MORHUA		801692	BOREOGADUS SAIDA		803198	
ODONTOGADUS MERLANGUS		803029	MELANOGRAMMUS AEGLEFINUS		803198	
SALMONIDAE			ODONTOGADUS MERLANGUS		803198	
COREGONUS HOYI		802749	MOUTH			
HUCHO HUCHO		802681	CLUPEIDAE			
		803292	CLUPEA HARENGUS		803198	
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GADIDAE		SALMONIDAE		NUTRITION
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PECTORAL FINS		LAMPETRA FLUVIATILIS	803320	
SCOMBRIDAE		SUBZERO WATERS		
THUNNUS ALALUNGA	802199	NOTOTHENIIDAE		
LARVA		DISSOSTICHUS MAWSONI	803098	
PETROMYZONTOMORPHA				
LAMPETRA PLANERI	801896			
COTTIDAE				
HEMITRIPTERUS VILLOSUS	802108			
		BIOCHEMICAL GROWTH FACTORS		
		POECILIIDAE		
		XIPHOPHORUS HELLERII	802366	
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CARCHARINIDAE	801917			
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TELEOSTEI	803234	OPHICHTHIDAE		
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DACTYLOPTERIFORMES		CYPRINIDAE		
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SYNGNATHIDAE		FIN SKELETAL SUPPORTS		
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EUCINOSTOMUS ARGENTEUS	801917	SALMONIDAE		
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SCORPAENIDAE	801917			
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NYSTACTICHTHYS HALIS	801917		802334	
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OPHICHTHIDAE	801917	POECILIIDAE		
BATRACHOIDIFORMES		POECILIA RETICULATA	802693	
AMPHICHTHYS CRYPTOCENTRUS	801917	CYPRINIDAE		
OPSANUS TAU	802988	ABRAMIS BRAMA	803497	
THALLASSOPHRYNE MACULOSA	801917			
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LEPIDION GUENTHERI	801084			
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	TRACHURUS JAPONICUS	800899	CYPRINUS CARPIO	802083
	CENTRARCHIDAE		EXPERIMENTAL ANALYSIS	
	MICROPTERUS SALMOIDES	802860	ICTALURIDAE	
	SERRANIDAE		ICTALURUS PUNCTATUS	802850
	EPINEPHELUS SEPTEMFASCIATUS	800899	EFFECT ON FISH	
	PLEURONECTIDAE		LENS	
	PLEURONECTES PLATESSA	801950	SALMONIDAE	
		802394	SALVELINUS NAMAYCUSH	802855
	COTTOCOMEPHORIDAE		FOLIC ACID	
	COTTOCOMEPHORUS GREWINGKI	802487	EXPERIMENTAL ANALYSIS	
	CLUPEIDAE		SALMONIDAE	
	SARDINOPS CAERULEA	801610	ONCORHYNCHUS KISUTCH	802288
	CYPRINIDAE		VITAMIN A	
	ABRAMIS BRAMA	801035	CYPRINIDAE	
	CTENOPHARYNGODON IDELLA	801328	CYPRINUS CARPIO	801596
	CYPRINUS CARPIO	800836	VITAMIN B12	
		802083	CYPRINIDAE	
		801472	CYPRINUS CARPIO	803230
	HYPOPHthalmichthys MOLITRIX		VITAMIN E	
	ICTALURIDAE		CYPRINIDAE	
	ICTALURUS PUNCTATUS	800882	CYPRINUS CARPIO	800830
	SALMONIDAE			801856
	ONCORHYNCHUS NEKKA	802531		
	SALMO GAIRDNERII	800839		
		801039		
		801035		
		802334		
	EXPERIMENTAL ANALYSIS		MINERAL REQUIREMENTS	
	POECILIIDAE		CYPRINIDAE	
	POECILIA RETICULATA	802693	CYPRINUS CARPIO	803230
	ICTALURIDAE		COBALT	
	ICTALURUS PUNCTATUS	802850	EXPERIMENTAL ANALYSIS	
			SALMONIDAE	
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ICTALURIDAE	
ICTALURUS	801354
ICTALURUS LAMBDA	801354
ICTALURUS NEBULOSUS	800460
ICTALURUS PUNCTATUS	800460
<b>PLEISTOCENE</b>	
DASYATIDAE	
DASYATIS	800934
MYLIOBATIDAE	
MYLIOBATIS	800934
RAJIDAE	
RAJA	800934
CARCHARIIDAE	
CARCHARIAS	800934
CARCHARHINIDAE	
CARCHARHINUS	800144
	800934
ACIPENSEROMORPHA	800460
AMOMORPHA	
AMIA	800460
SEMIONOTOMORPHA	

LEPISOSTEUS	800144	GALEOCERDO ADUNCUS	801575	STRATIGRAPHIC DISTRIBUTION (CONTINUED)
LEPISOSTEUS LAPIDOSTEUS	800460	GALEOCERDO CLUIERI	801575	
GASTEROSTEIDAE	800460	HEMIPRISTIS SERRA	801575	
GASTEROSTEUS ACULEATUS	801691	NEGAPRION BREVIROSTRIS	801575	
Gobiidae		SCOLIODON TERRAENOVAE	801575	
GOBIUS	802927	ISURIDAE		
LABRIDAE	800460	CARCHARODON MEGALODON	801575	
CARANGIDAE		ISURUS HASTALUS	801575	
CARANX	800460	RHIPIDISTIA	802622	
CARANX HIPPOS	800460	OSTEOLEPIDOMORPHA		
CENTRARCHIDAE	800144	EUSTHENOPTERON FOORDI	801953	
LEPOMIS MICROLOPHUS	800460	AMOMORPHA		
EPHIPPIDAE	800460	ENNELES AUDAX	802587	
LUTJANIDAE		OPHIOPSIS CRETACEUS	802587	
LUTJANUS	800934	UROCLIS	801659	
PERCIDAE		ASPIDORHYNCHOMORPHA		
PERCA FLUVIATILIS	801691	ASPIDORHYNCHUS COMPTONI	802587	
SCIAENIDAE	802927	PYCNODONTOMORPHA		
APLODINOTUS GRUNNIENS	800144	MICRODON PENALVAI	802587	
SCIAENOPS	800934	SEMIONOTOMORPHA		
SPHYRAENOIDEI	800460	LEPIDOTES TEMNURUS	802587	
SPHYRAENA	800934	TELEOSTEI	802662	
URANOSCOPIDAE		CENTRISCIDAE		
ASTROSCOPUS	800934	CENTRISCUS	800747	
COTTIDAE		SYNGNATHIDAE		
COTTUS BAIRDII	802213	HIPPOTSYNGNATHUS	800747	
COTTUS ECHINATUS	802213	SYNGNATHUS	800747	
COTTUS EXTENSUS	802213	AMMODYTIDAE		
TRIGLIDAE		AMMODYTES	800747	
PRIONOTUS	800934	SERRANIDAE		
CLUPEIDAE		SERRANUS	800747	
BREVOORTIA	800934	SCOMBROIDEI		
CATOSTOMIDAE		PALAEORHYNCHUS	800747	
CATOSTOMUS ARDENS	802213	PALIMPHYES	800747	
CYPRINIDAE	800144	TRICHIURIDAE		
	801691	LEPIDOPUS	800747	
	802213	TRACHINIDAE		
	800765	TRACHINUS	800747	
GILA ATRARIA		COTTIDAE		
TRIBOLODON HAKONENSIS		COTTUS ECHINATUS	802213	
ARIIDAE		COTTUS EXTENSUS	802213	
BAGRE MARINUS	800460	CAPROIDAE		
GALEICHTHYS FELIS	800460	CAPROS	800747	
ICTALURIDAE		CHIROCENTRIDAE		
ICTALURUS MELAS	800144	CLADOCYCLUS FERUS	802587	
ICTALURUS NATALIS	800144	CLADOCYCLUS GARDNERI	802587	
ICTALURUS NEBULOSUS	800460	CLUPEIDAE		
ICTALURUS PUNCTATUS	800460	CLUPEA	800747	
BATRACHOIDIFORMES		ELOPIFORMES		
OPSANUS	800934	RHACOLEPIS BUCCALIS	802587	
GADIDAE		RHACOLEPIS DEFIORIS	802587	
GADUS	800934	RHACOLEPIS LATUS	802587	
LOPHIIDAE		ELOPIDAE		
LOPHIUS	800934	BRANNERION VESTITUM	802587	
ESOCIDAE		NOTELOPS BRAMA	802587	
ESOX LUCIUS	801691	PARAELOPS CEARENSIS	802587	
SALMONIDAE	801894	LEPTOLEPIDOMORPHA		
PROSOPIMUM GEMMIFERUM	802213	LEPTOLEPIS DIASII	802587	
PROSOPIMUM SPILONOTUS	802213	CATOSTOMIDAE		
SALMO CLARKII	802213	CATOSTOMUS ARDENS	802213	
SALVELINUS NAMAYCUSH	801894	CYPRINIDAE		
		GILA ATRARIA	802213	
		GADIDAE		
		PALEOGADUS	800747	
		CHANIDAE		
		DASTILBE ELONGATUS	802587	
		THARRHIAS ARARIPIS	802587	
		THARRHIAS ROCHAE	802587	
		ARGENTINIDAE		
		GLOSSANODON	800747	
		MYCTOPHIDAE		
		EMYCTOPHUM	800747	
		SALMONIDAE		
		PROSOPIMUM GEMMIFERUM	802213	
		PROSOPIMUM SPILONOTUS	802213	
		GONOSTOMATIDAE		
		SCOPELOIDES	800747	
		VINCIGUERRIA	800747	
			802620	
PALEOECOLOGY				
CEPHALASPIDIFORMES	802739			
PTERASPIDIFORMES				
ALTHASPIUS LEACHI	801754			
ACANTHODII	802739			
ARTHRODIRA	802739			
RHINOBATIDAE				
RHINOBATOS BEURLEI	802587			
CARCHARIIDAE				
ODONTASPIS CUSPIDATA	801575			
ODONTASPIS MACROTA	801575			
CARCHARHINIDAE				
CARCHARHINUS LEUCAS	801575			



EVOLUTION (CONTINUED)	<b>EVOLUTION</b>			
	DREPANASPIDIFORMES	801019	CHILODUS PUNCTATUS	801957
	ELASMOBRANCHII	800122	HEMIODONTIDAE	
	OSTEOGLOSSIDAE	800841	HEMIODUS SEMITAENIATUS	801957
	SALMONIDAE		LEBIASINIDAE	
	ONCORHYNCHUS	800202	POECILOBRYCON EQUES	801957
	SALMO OBTUSIROSTRIS	800202	LORICARIIDAE	802620
	SALMO SALAR	800202	FARLOWELLA	802620
	SALMO TRUTTA	800202		
		801411		
	<b>ORIGIN OF THE VERTEBRATES</b>			
		801411	<b>SPECIATION</b>	803415
		803063	TELEOSTEI	800798
		803455	GOBIIDAE	
			COTTOGOBIUS YONGEI	801789
			COTTIDAE	
			COTTUS ECHINATUS	802213
			COTTUS EXTENSUS	802213
			CYPRINODONTIDAE	803391
			POECILIIDAE	
			POECILIA FORMOSA	802118
			XIPHOPHORUS	802631
			CYPRINIDAE	
			NOTROPIS CORNUTUS	802207
			SALMONIDAE	802471
			PROSOPIUM GEMMIFERUM	802213
	<b>ORIGIN OF THE TETRAPODS</b>			
	DIPNOI	801423	<b>EXPLOSIVE RADIATION</b>	
		803403	CICHLIDAE	801279
	LEPIDOSIREN PARADOXA	801625		
	PROTOPTERUS DOLLOI	801625		
	RHIPIDISTIA	802622		
		803404		
	HYNERIA LINDAE	801073		
	OSTEOLEPIDOMORPHA	803416		
	EUSTHENOPTERON FOORDI	803405		
	POROLEPIDOMORPHA	803416		
		801411		
		802260		
		803410		
	<b>CONVERGENCE AND PARALLELISM</b>			
	CEPHALASPIDOMORPHA	803415		
	PTERASPIDOMORPHA	802620		
	TELEOSTEI	802620		
	MELAMPHAEIDAE	800812		
	ANABANTIDAE	801569		
	ANABAS TESTUDINEUS		<b>ISOLATING MECHANISMS</b>	803266
	LABRIDAE	801987	PETROMYZONTOMORPHA	
	CLEPTICUS PARRAI	801949	LAMPETRA PLANERI X	
	APOGONIDAE		LAMPETRA MARIAE X	801899
	APOGON XENUS	801921	RHIPIDISTIA	801601
	OSTORHYNCHUS SPONGICOLUS	801921	GASTEROSTEIDAE	
	SERRANIDAE		GASTEROSTEUS ACULEATUS	802608
	HYPOPLECTRUS NIGRICANS	801949	GASTEROSTEUS WHEATLANDI	802608
	MORONE CHRYSOPS	801516	CENTRARCHIDAE	802068
	CYCLOPTERIDAE		CICHLIDAE	801279
	LIPARIS FISHELSONI	800171	SCOMBRIDAE	
	ANOSTOMIDAE		THUNNUS	801880
	ABRAMITES MICROCEPHALUS	801957	POECILIIDAE	
	CHARACIDAE	801957	XIPHOPHORUS	802631
	THAYERIA OBLIQUA		CATOSTOMIDAE	
	CHILODONTIDAE		CATOSTOMUS COMMERSONI	802286
			CATOSTOMUS MACROCHEILUS	802286
			OSMERIDAE	

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	EVOLUTION (CONTINUED)	INTRASPECIFIC VARIATION		PRIMITIVE VS ADVANCED TRAITS	
		SALMONIDAE		TELEOSTEI	803415
		ONCORHYNCHUS NERKA	802386	OSTEOGLOSSOMORPHA	801683
VARIATION	CARYOTYPE				800772
	INFRA-SPECIFIC VARIATION				
	SALMONIDAE				
ZOOGEOGRAPHY	ONCORHYNCHUS NERKA	802820		HOMOLOGY	803455
	EUTROPIC LAKES				
	OSMERIDAE				
	OSMERUS EPERLANUS	800626			
ICHTHYOLOGICAL TECHNIQUES	DESCRIPTIVE EVOLUTION				
	DISTRIBUTION				
	SALMONIDAE			ZOOGEOGRAPHY	803266
	ONCORHYNCHUS NERKA	802385		PETROMYZONTOMORPHA	
				LAMPETRA MARIAE	801364
				ELASMOBRANCHII	800264
				RAJIDAE	800195
				SQUALIDAE	800195
				TELEOSTEI	800173
	SEASONAL RACES				
	ACIPENSEROMORPHA	800851		GASTEROSTEIDAE	800264
	ACIPENSER GULDENSTAEDTI	803342		PUNGITIUS PUNGITIUS	802648
	TELEOSTEI	800798		Gobiidae	802690
	SALMONIDAE	800851		COTTOGOBIOUS YONGEI	802114
				MUGILOIDEI	801789
				MUGIL AURATUS	800127
				MUGIL SALIENS	800127
				NOTOTHENIOIDEI	803100
				CENTRARCHIDAE	800279
				NANDIIDAE	803031
				PERCIDAE	800279
					803031
	POLYMORPHISM			PLEURONECTIDAE	
	APOGONIDAE			PLATICTHYS FLESUS	800127
	APOGON CONKLINI	801949		COTTIDAE	800279
	APOGON PIGMENTARIUS	801949		COTTUS	801364
	SCOMBRIDAE			COTTUS GOBIO	802594
	THUNNUS THYNNUS	800785		COTTUS POECILOPUS	802594
	PLEURONECTIDAE			COTTUS PYGMAEUS	802115
	PLATICTHYS FLESUS	800329		CYCLOPTERIDAE	803100
	PLEURONECTES FLESUS	800329		POECILIIDAE	
	PLEURONECTES PLATESSA	800329		POECILIA FORMOSA	802118
	CYPRINIDAE			ANGUILLIDAE	800279
	TINCA TINCA	800495		OSTAROPIHYSI	803031
	MOUTH			CATOSTOMIDAE	
	CYPRINIDAE			CATOSTOMUS COMMERSONI	802286
	BARBUS UNITAIENIUS	801217		CATOSTOMUS MACROCHEILUS	803031
	BARBUS MAREQUENSIS	801217		COBITIDAE	800279
	PROTEIN SPECIFICITY			CYPRINIDAE	801364
	BIOCHEMICAL BLOOD CONSTITUENTS				803031
	ENGRAULIDAE				803334
	ENGRAULIS MORDAX	801815		CYPRIANUS CARPIO	802259
	LDH ISOENZYMES			HEMITREMIA FLAMMEA	802211
	GADIDAE			NOTROPIS AMOENUS	802211
	GADUS MORHUA	802929		NOTROPIS ATHERINOIDES	800279
	GADUS VIRENS	802929		ICTALURIDAE	802119
	COLORATION			ICTALURUS BRUNNEUS	802119
	LABRIDAE			ICTALURUS PLATYCEPHALUS	
	DORATONOTUS MEGALEPS	801949		SILURIDAE	801364
	ARMOR			SILURUS GLANIS	803031
	GASTEROSTEIDAE			OSTEOGLOSSOMORPHA	803100
	GASTEROSTEUS ACULEATUS	803034		MACROURIDAE	803100
	HEMOGLOBIN			MURAENOLEPIDIDAE	803100
	GASTEROSTEIDAE			ZOARCIDAE	803100
	GASTEROSTEUS ACULEATUS	802912		ESOCIDAE	
	SCORPAENIDAE			ESOX LUCIUS	801364
	SEBASTODES REEDI	802582		GALAXIODEI	803031
	SEBASTODES DIPLOPROA	802582		SALMONIDAE	
	SEBASTODES CRAMERI	802582		COREGONUS	802471
	SEBASTODES ALEUTIANUS	802582		SALMO TRUTTA	801364
	SERUM TRANSFERRIN			STOMATOIDEI	802142
	GADIDAE				
	GADUS MORHUA	801057			
	SERUM TRANSFERRIN				
	ADAPTIVE EVOLUTION				
	INHERITANCE				
	SCOMBRIDAE				
	EUTHYNNUS PELAMIS	803006			
	THUNNUS ALBACARES	803006			
	THUNNUS MACCOyii	803006			
	EGG				
	COLORATION			COLLECTING FISH	
	COTTIDAE			ICTALURIDAE	
	MYXOCEPHALUS QUADRICORNIS	802526		SATAN EURYSTOMUS	800887
	CREATINE KINASE			TROGLOGLANIS PATTERSONI	800887



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ICHTHYOLOGICAL TECHNIQUES  
(CONTINUED)

ESOCIDAE	802421
ESOX MASQUINONGY	800768
SALMONIDAE	800892
	802341
	803180
ONCORHYNCHUS GORBUSCHA	802396
ONCORHYNCHUS KISUTCH	802343
	802346
ONCORHYNCHUS NERKA	802531
	802570
ONCORHYNCHUS TSHAWYTSCHA	800086
	801162
SALMO GAIRDNERII	802410
	802844
SALMO SALAR	801694
	801950
	802567
SALMO TRUTTA	801950
	803084
SALVELINUS FONTINALIS	801694
SALVELINUS NAMAYCUSH	802573
THYMALLUS ARCTICUS	802352
	802354
	802326
FRY	
YOUNG	
SALMONIDAE	
SALMO GAIRDNERII	803201
YOUNG	
SALMONIDAE	802569
CHANGE WITH AGE	
SALMONIDAE	
SALMO TRUTTA	802975
RATE OF GROWTH	
COEFFICIENT OF CONDITION	
SALMONIDAE	
ONCORHYNCHUS	801070
SHALLOW WATER OBSERVATION	
CENTRARCHIDAE	802703
LARGE SPECIMEN TECHNIQUES	802291
RADIOACTIVE TRACERS	
CYPRINIDAE	
CARASSIUS AURATUS	802405
SEAWEEDS	
CARANGIDAE	
SERIOLA QUINQUERADIATA	801582
EXPERIMENTAL ANALYSIS	
SALMONIDAE	
ONCORHYNCHUS NERKA	802858
YOUNG	
SALMONIDAE	
SALMO SALAR	802642
EFFECT ON FISH	
SALMONIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802755
RATE OF GROWTH	
ANOPLOPOMATIDAE	
ANOPLOPOMA FIMBRIA	802571
SONIC TAGGING	
CLUPEIDAE	
ALOSA SAPIDISSIMA	803373
CATOSTOMIDAE	
CATOSTOMUS COMMERSONI	800084
SALMONIDAE	
SALMO TRUTTA	800084
	801151
RECORDING CAMERAS AND TV	
ELASMOBRANCHII	802409
TELEOSTEI	801681
	802409
ACTIVITY RECORDING DEVICES	
CARCHARIIDAE	
CARCHARIAS TAURUS	802691
CARCHARHINIDAE	
CARCHARHINUS MACULIPINNIS	802691
CARCHARHINUS OBSCURUS	802691
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	801916
CAPTIVE VS NATURAL FISH	802337
FEEDING	
LABRIDAE	
LABROIDES PHTHIROPHAGUS	802628
AGGRESSIVE BEHAVIOR	
FEEDING	
SALMONIDAE	
SALMO SALAR	802279

MAINTAINING LIVE FISH	
PERCIDAE	
ETHEOSTOMA SPECTABILE	801280
POUNDS AND LIVE CARS	
TELEOSTEI	800865
CLUPEIDAE	
CLUPEA HARENGUS	801950
CYPRINIDAE	
CYPRINUS CARPIO	802077
	802083
SALMONIDAE	802857
AQUARIA AND WATER SYSTEMS	
	800082
	801473
	802731
	803466
	803467
CLUPEIDAE	
CLUPEA HARENGUS	802657
SALMONIDAE	802833
FILTRATION AND CIRCULATION	800753
CYPRINIDAE	
CYPRINUS CARPIO	802077
SALMONIDAE	802833
AQUARIUM WATER CHEMISTRY	
	800753
	801051
	801660
	801722
	802833
TELEOSTEI	
SALMONIDAE	
HANDLING METHODS AND EFFECTS	
TELEOSTEI	801645
CYPRINODONTIDAE	
FUNDULUS HETEROCLITUS	800609
CLUPEIDAE	
SARDINA PILCHARDUS	802168
OXIDATIVE METABOLISM	
ICTALURIDAE	
ICTALURUS PUNCTATUS	802280
ELECTRIC SHOCKING	800660
FEEDING CAPTIVE FISH	
TELEOSTEI	801095
	801645
CARANGIDAE	
TRACHURUS JAPONICUS	800898
	800899
	801584
	802841
CENTRARCHIDAE	
CHAETODONTIDAE	
MICROCANTHUS STRIGATUS	801645
PERCIDAE	
PERCA FLAVESCENS	802841
STIZOSTEDION VITREUM	802841
SERRANIDAE	
EPINEPHELUS SEPTEMFASCIATUS	800899
PLEURONECTIDAE	
PLEURONECTES PLATessa	801471
	802394
SOLEIDAE	
SOLEA SOLEA	801471
BALISTIDAE	
BALISTES CONSPICILLUM	801645
STEPHANOLEPIS CIRRHIFER	801584
CYPRINODONTIDAE	
FUNDULUS DIAPHANUS	802425
CATOSTOMIDAE	
CATOSTOMUS COMMERSONI	802841
CYPRINIDAE	
CARASSIUS AURATUS	802841
CYPRINUS CARPIO	802841
PIMEPHALES PROMELAS	802841
ICTALURIDAE	
ICTALURUS MELAS	802841
ICTALURUS PUNCTATUS	802841
ESOCIDAE	
ESOX LUCIUS	802841
UMBRIDAE	
UMBRA LIMI	802425
SALMONIDAE	802841
SALMO GAIRDNERII	801393
	801584
	800274
YOUNG	
PERCIDAE	
PERCA FLAVESCENS	802859

<b>ANESTHETICS</b>				
SQUALOMORPHA	803465	DIAPTERUS OLISTHOSTOMUS	801830	ICHTHYOLOGICAL TECHNIQUES
TELEOSTEI	802909	EUCINOSTOMUS GULA	801830	(CONTINUED)
	803465	POMACENTRIDAE		
LETHAL ENVIRONMENTAL LIMITS		ABUDEFDUF SAXATILIS	801830	
CLUPEIDAE		POMADASYIDAE		
SARDINA PILCHARDUS	802168	ORTHOPRISTIS CHRYSOPTERUS	801830	
EXPERIMENTAL ANALYSIS		POMATOMIDAE		
CENTRARCHIDAE	800077	POMATOMUS SALTATRIX	801830	
FISH TRANSPORTATION		SCIAENIDAE	801830	
SALMONIDAE		SPARIDAE		
SALMO TRUTTA	803180	ARCHOSARGUS PROBATOCEPHALUS	801830	
EFFECT ON FISH		LAGODON RHOMBOIDES	801830	
MUGILOIDEI		SCOMBRIDAE		
LIZA TADE	800437	SCOMBEROMORUS MACULATUS	801830	
CARANGIDAE		STROMATEIDAE		
TRACHINOTUS CAROLINUS	803178	PEPRILUS ALEPIDOTUS	801830	
CICHLIDAE		URANOSCOPIDAE		
TILAPIA MOSSAMBICA	800615	ASTROSCOPUS YGRAECUM	801830	
CYPRINIDAE		BOTHIDAE	801830	
CATLA CATLA	800615	CYNOGLOSSIDAE		
CIRRHINA MRIGALA	800615	SYMPHURUS PLAGIUSA	801830	
LABEO ROHITA	800615	SOLEIDAE		
OXYGEN CONSUMPTION		TRINECTES MACULATUS	801830	
MUGILOIDEI		TRIGLIDAE	801830	
LIZA TADE	800437	BALISTIDAE		
CYPRINIDAE		STEPHANOLEPIS HISPIDUS	801830	
CYPRINUS CARPIO	802016	DIODONTIDAE		
CIRCULATORY SYSTEM		CHILOMYCTERUS SCHOEPI	801830	
MYXINOMORPHA		TETRAODONTIDAE		
MYXINE GLUTINOSA	800579	SPHAERODES MACULATUS	801830	
HEART		ATHERINIDAE		
CYPRINIDAE		MEMBRAS MARTINICA	801830	
CYPRINUS CARPIO	801145	MENIDIA MENIDIA	801830	
SPATIAL ORIENTATION		CYPRINODONTIDAE	801830	
MUGILOIDEI		POECILIIDAE		
LIZA TADE	800437	GAMBUSIA AFFINIS	801830	
BENZOCAINE		HETERANDRIA FORMOSA	801830	
EFFECT ON FISH		POECILIA LATIPINNA	801830	
SERRANIDAE		BELONIDAE		
MORONE AMERICANA	802787	STRONGYLURA MARINA	801830	
MORONE AMERICANUS	802787	CLUPEIDAE	801830	
MS 222		ENGRAULIDAE	801830	
EXPERIMENTAL ANALYSIS		ANGUILLIDAE		
SALMONIDAE		ANGUILLA ROSTRATA	801830	
SALMO GAIRDNERII	802281	OPHICHTHIDAE		
		MYROPHIS PUNCTATUS	801830	
		ELOPIDAE		
		ELOPS SAURUS	801830	
		ARIIDAE		
		GALEICHTHYS FELIS	801830	
<b>BREEDING AND REARING</b>	801602	BATRACHOIDIFORMES		
TELEOSTEI	802330	OPSANUA TAU	801830	
GOBIIDAE	803336	OPHIDIIDAE		
LOPHOGOBIOUS CYPRINOIDES	802128	RISSOLA MARGINATA	801830	
CARANGIDAE		GOBIESOCIFORMES		
SERIOLA QUINQUERADIATA	801677	GOBIESOX STRUMOSUS	801830	
POMACENTRIDAE		SYNDONTIDAE		
PREMNAS BIACULEATUS	800016	SYNDODUS FOETENS	801830	
SCOMBRIDAE		OSMERIDAE		
SCOMBER JAPONICUS	801610	MALLOTUS VILLOSUS	801122	
CYPRINODONTIDAE	803391			
CLUPEIDAE		<b>MASSMEASURING AND COUNTING EGGS</b>	800354	
CLUPEA HARENGUS	800176			
	802233			
CYPRINIDAE				
ABRAMIS BRAMA	801925			
BRACHYDANIO RERIO	802943	<b>SMALL SPECIMEN TECHNIQUES</b>		
SALMONIDAE		OBSERVING LIVE FISH	801473	
SALMO GAIRDNERII	802945	INJECTION		
STENODUS LEUCICHTHYS	802356	CYPRINIDAE		
		BRACHYDANIO RERIO	800348	
<b>SURVIVAL IN CAPTIVITY</b>				
ANOLOGASTERIDAE				
ANOLOGASTER CORNUTA	801858			
MACRORHAMPHOSIDAE		<b>WET PRESERVATION</b>	800941	
MACRORHAMPHOSUS GRACILIS	801858	TELEOSTEI	802325	
		COLORATION	802897	
		PERCIDAE		
<b>MERISTIC MORPHOMETRIC TECHNIQUES</b>	800089	ETHEOSTOMA BLENNIOIDES	800716	
	802112	ETHEOSTOMA CAERULEUM	800716	
	802323	PERCA FLAVESCENS	800716	
	802325	CYPRINIDAE		
RAJIDAE	802193	NOTROPUS CORNUTUS	800716	
SQUALOMORPHA	802510			
TELEOSTEI	801961			
SYNGNATHIDAE		<b>CATALOGING AND ARRANGEMENT</b>	802325	
SYNGNATHUS FUSCUS	801830			
SYNGNATHUS LOUISIANAE	801830			
BLENNIIDAE				
CHASMODES BOSQUIANUS	801830			
HYPISOBLENNIUS HENTZI	801830			
GOBIIDAE		<b>STILL PHOTOGRAPHY</b>	800941	
GOBIONELLUS SHUFELDTI	801830		802059	
GOBIOSOMA BOSCI	801830	SHALLOW WATER OBSERVATION	802535	
MUGILOIDEI				
MUGIL CEPHALUS	801830			
MUGIL CUREMA	801830			
CARANGIDAE	801830			
EPHIPPIDAE		<b>XRAY PHOTOGRAPHY</b>	800154	
CHAETODIPTERUS FABER	801830		802223	
GERREIDAE		RAJIDAE	802193	



ICHTHYOLOGICAL TECHNIQUES (CONTINUED)	ANATOMICAL PREPARATION MONOGENEA	800800	CLUPEIDAE CLUPEA HARENGUS CATOSTOMIDAE CYPRINIDAE ABRAMIS BRAMA ASPIUS ASPIUS CHONDROSTOMA NASUS LEUCISCUS CEPHALUS TINCA TINCA ESOCIDAE ESOX MASQUINONGY OSMERIDAE MALLOTUS VILLOSUM SALMONIDAE COREGONUS AUTUMNALIS COREGONUS HOYI ONCORHYNCHUS KETA ONCORHYNCHUS NERKA ONCORHYNCHUS Tshawytscha SALMO TRUTTA SALVELINUS NAMAYCUSH	801581 800867 801877 801925 803347 802947 802947 800420 802548 801122 802521 802828 802749 802316 802885 802316 802531 801818 802344 802552 802637 801950 803084 801028 802251 802327 802646
HISTOLOGICAL AND CYTOLOGICAL PREPARATION				
CAPROBACTIDAE		803278		
TELEOSTE		802320		
		802909		
SALMONIDAE		802471		
EGG				
SALMONIDAE		800664		
SALVELINUS FONTINALIS				
CARYOTYPE				
CYPRINIDAE		801767		
BRACHYDANIO RERIO				
HISTOCHEMICAL TECHNIQUES				
CYPRINIDAE		801449		
DANIO RERIO				
LEPIS		801082		
TELEOSTE				
BIOCHEMICAL TECHNIQUES		801950		
CORTISOL				
SALMONIDAE		802284		
ELECTROPHORESIS				
CENTRARCHIDAE		802417		
LEPOMIS MACROCHIRUS				
SCOMBRIDAE		800785		
THUNNUS THUNNUS				
CHALLUPIDAE		802417		
CHALLUPUS PUNCTATUS		800960		
SALMONIDAE		802404		
SALMO SALAR		803375		
BIOCHEMICAL EXTRACTION TECHNIQUES				
SCOMBRIDAE		801619		
THUNNUS ALBACARES				
CYPRINIDAE		800831		
CARASSIUS AURATUS				
PRO AND FAT ACID CONTENT				
EGG				
SALMONIDAE		802945		
SALMO GARDNERI				
GLYCOGEN				
AXIAL SKELETAL MUSCLES		802464		
GADIDAE				
GADUS MORPHUA				
STARCH		802465		
PLEURONECTIDAE		802465		
NOPISETTA SCHYRA		802465		
PAROPHYRUS VETULUS		802465		
PLATONOTUS STELLATUS		802465		
HEMIGRAMMIDAE		802465		
OPHIODON ELONGATUS		802465		
SCORPAENIDAE		802465		
SEBASTODES MALIGER		802465		
SEBASTOLOBUS ALASCANUS		802465		
GADIDAE		802465		
GADUS MACROCEPHALUS		802465		
SALMONIDAE		802465		
ONCORHYNCHUS KETCHI		802465		
SALMO GARDNERI		802465		
AGE AND GROWTH TECHNIQUES				
LENS		802206		
CYPRINIDAE				
CYPRINUS CARPIO				
SCALE AGE STUDY				
OSTEOCHER BIONOMORPHA		801953		
LEUCOSTEUS LEUCOSTEUS		800941		
TELEOSTE		802131		
CENTRARCHIDAE		801877		
LEPOMIS MACROCHIRUS		802652		
SCORPAENIDAE		802726		
SCORPAENA HIPPIURUS				
PERCIDAE		803018		
PERCA FLUVIATILIS				
SPARIDAE		800977		
CHRYSOPTERUS AURATUS		802985		
STENOTOMUS OCHRHOPS				
SCORPAENIDAE		801091		
SEBASTODES ALUTUS				
REPRODUCTION				
SALMONIDAE		802579		
SALMO SALAR				
EXPERIMENTAL ANALYSIS				
SALMONIDAE		802564		
COREGONUS HOYI		802564		
COREGONUS KIYI				
COREGONUS HOYI X		802564		
COREGONUS CLUPEAFORMIS X		802564		

<b>SKELETON AGE STUDY</b>			<b>ENVIRONMENT CONTROL DEVICES</b>			<b>ICHTHYOLOGICAL TECHNIQUES (CONTINUED)</b>	
ACIPENSEROMORPHA			CLUPEIDAE				
ACIPENSER TRANSMONTANUS		802599	BREVOORTIA TYRANNUS		802765		
ARIIDAE			SALMONIDAE				
TACHYSURUS SONA		803421	SALVELINUS FONTINALIS		802301		
ICTALURIDAE		800083	EGG				
		802327	TELEOSTEI		802302		
PECTORAL FIN SKELETON			OXYGEN		802639		
ICTALURIDAE			AMBYOPSIDAE				
ICTALURUS PUNCTATUS		802762	CHOLOGASTER AGASSIZI		802776		
			WATER POLLUTANTS		802788		
					802789		
<b>PHYSIOLOGICAL TECHNIQUES</b>		802112	<b>RADIOACTIVE TRACERS</b>				
TELEOSTEI		800722	CYPRINIDAE				
			CARASSIUS AURATUS		802520		
			CYPRINUS CARPIO		803478		
			LEUCASPIUS DELINEATUS		803478		
<b>SURGICAL TECHNIQUES</b>			<b>RADIATION TECHNIQUES</b>				
TELEOSTEI		802909	POMADASYIDAE				
EMBIOTOCIDAE			POMADASYUS HASTA		800913		
CYMATOGASTER AGGREGATA		800610					
TETRAODONTIDAE		800619					
ANGUILLIDAE							
ANGUILLA ANGUILLA		802687					
ADENOHYPOPHYSIS							
POECILIIDAE							
POECILIA RETICULATA		800415					
			<b>IMMUNOLOGICAL TECHNIQUES</b>				
			PETROMYZONTOMORPHA		801911		
			LAMPETRA FLUVIATILIS		801812		
			LAMPETRA TRIDENTATA		801821		
			PETROMYZON MARINUS		801160		
					801812		
			CARCHARINIDAE				
			MUSTELUS CANIS		801160		
			SQUALIDAE				
			SQUALUS ACANTHIAS		801821		
			ACIPENSEROMORPHA				
			ACIPENSER STELLATUS		802461		
			ACIPENSER STURIO		802461		
			ACIPENSER TRANSMONTANUS		801821		
			TELEOSTEI		801821		
			CICHLIDAE				
			AEQUIDENS PULCHER		801743		
			TILAPIA MARIAE		801336		
					801743		
			SCOMBRIDAE				
			SARDA CHILIENSIS		801161		
			ANGUILLIDAE				
			ANGUILLA ANGUILLA		801911		
			CYPRINIDAE				
			CARASSIUS AURATUS		800791		
			ICTALURIDAE				
			ICTALURUS NEBULOSUS		803301		
			GADIDAE				
			POLLACHIUS VIRENS		801742		
			SALMONIDAE		801831		
			SALMO SALAR		801911		
<b>BLOOD COLLECTION</b>			<b>IMMUNOCHEMICAL TECHNIQUES</b>				
MYXINOMORPHA			GADIDAE				
MYXINE GLUTINOSA		800579	POLLACHIUS VIRENS		801742		
SALMONIDAE							
SALMO GAIRDNERII		801862					
<b>INJECTION</b>			<b>USE AS TEST ANIMAL</b>				
SQUALOMORPHA		803241	SQUALOMORPHA		803241		
			TELEOSTEI		800722		
			CENTRARCHIDAE		802841		
			PERCIDAE				
			PERCA FLAVESCENS		802841		
			STIZOSTEDION LUCIOPERCA		801598		
			STIZOSTEDION VITREUM		802841		
			COTTIDAE				
			COTTUS GOBIO		801598		
			POECILIIDAE				
			POECILIA RETICULATA		800721		
					800725		
			XIPHOPHORUS MACULATUS		800796		
			CATOSTOMIDAE				
			CATOSTOMUS COMMERSONI		802841		
			COBITIDAE				
			COBITIS TAENIA		801598		
			NOEMACHEILUS BARBATULUS		801598		
			CYPRINIDAE		800889		
					801598		
			CARASSIUS AURATUS		800734		
					800790		
					802841		
			CYPRINUS CARPIO		800725		
					802841		
			PHOXINUS PHOXINUS		803120		
			PIMEPHALES PROMELAS		800796		
					802841		
			ICTALURIDAE				
			ICTALURUS MELAS		802841		
			ICTALURUS PUNCTATUS		802841		
			ESOCIDAE				
<b>PHYSIOLOGICAL SOLUTIONS</b>							
SALMONIDAE							
SALMO SALAR		801665					
EFFECT ON FISH							
COTTIDAE							
COTTUS SCORPIUS		800301					
<b>METABOLISM MEASUREMENT</b>		800200					
GILL VENTILATION MECHANICS							
CALLIONYMOIDEI							
CALLIONYMUS LYRA		802239					
<b>METABOLITE COLLECTION</b>							
PETROMYZONTOMORPHA							
ENTOSPHENUS TRIDENTATUS		803132					
SQUALIDAE							
SQUALUS ACANTHIAS		801285					
BOTHIDAE							
PARALICHTHYS LETHOSTIGMA		800604					
ANGUILLIDAE							
ANGUILLA JAPONICA		801460					
CATOSTOMIDAE							
CATOSTOMUS COMMERSONI		800577					
<b>RESPIRATION CHAMBERS</b>		800200					
		800558					
		801085					
		802031					
CALLIONYMOIDEI							
CALLIONYMUS LYRA		802239					
CHANNICHTHYIDAE							
CHAEENOCEPHALUS ACERATUS		801198					
NOTOTHEINIIDAE		801198					
EMBRYO PHYSIOLOGY							
SALMONIDAE							
SALMO TRUTTA		801329					
SALMO GAIRDNERII		801329					
<b>SWIMMING CHAMBERS</b>							
CENTRARCHIDAE							
MICROPTERUS SALMOIDES		802283					
GADIDAE							
GADUS MORHUA		802309					
SALMONIDAE							
ONCORHYNCHUS KISUTCH		802283					

ICHTHYOLOGICAL TECHNIQUES  
(CONTINUED)

ESOX LUCIUS	802841
SALMONIDAE	802841
SALMO GAIRDNERII	800722
	801598
SALMO TRUTTA	800725
	801598
PROLACTIN	
CYPRINODONTIDAE	
FUNDULUS HETEROCLITUS	801738
POECILIIDAE	
POECILIA LATIPINNA	801295
IMMUNOLOGICAL ANALYSIS	
ICTALURIDAE	
ICTALURUS NEBULOSUS	803301
EGG	
TELEOSTEI	802759
CYPRINIDAE	
BRACHYDANIO RERIO	802759
POUNDS AND LIVE CARS	
SALMONIDAE	
SALMO SALAR	803080
TISSUE CULTURE TECHNIQUES	
CYPRINIDAE	
PIMEPHALES PROMELAS	803206
LETHAL ENVIRONMENTAL LIMITS	
CYPRINIDAE	
PIMEPHALES PROMELAS	802852
SPOILAGE PROBLEMS	
PLEURONECTIDAE	
PAROPHRYNUS VETULUS	802475
GADIDAE	
GADUS MACROCEPHALUS	802475
SALMONIDAE	
ONCORHYNCHUS KISUTCH	802475
EMBRYOLOGICAL TECHNIQUES	800941
SALMONIDAE	
SALVELINUS FONTINALIS	800664
EMBRYO TRANSPLANTATION	
CYPRINODONTIDAE	
FUNDULUS HETEROCLITUS	802497
EMBRYO RADIOACTIVE TREATMENT	
COBITIDAE	
MISGURNUS FOSSILIS	800910
	801108
	803164
EMBRYO EXTRACT TREATMENT OF EMBRYO	
CYPRINIDAE	
BRACHYDANIO RERIO	800307
IN VITRO TECHNIQUES	
SCYLIORHINIDAE	
SCYLIORHINUS CANICULUS	801832
CLUPEIDAE	
CLUPEA HARENGUS	802389
ANGUILLIDAE	
ANGUILLA ANGUILLA	801289
ANGUILLA JAPONICA	801359
CYPRINIDAE	
CARASSIUS AURATUS	801558
BATRACHOIDIFORMES	
OPSANUS TAU	803268
TISSUE CULTURE TECHNIQUES	
CENTRARCHIDAE	
LEPOMIS MACROCHIRUS	801220
POECILIIDAE	
XIPHOPHORUS HELLERII X	
XIPHOPHORUS MACULATUS X	800730
	800787
CYPRINIDAE	
PIMEPHALES PROMELAS	800796
SALMONIDAE	
ONCORHYNCHUS KISUTCH	803297
SALMO GAIRDNERII	803297
CARYOTYPE	
POMADASYIDAE	
HAEMULON SCIURUS	803204
USE AS TEST ANIMAL	
SALMONIDAE	
SALMO GAIRDNERII	802383
LETHAL ENVIRONMENTAL LIMITS	
WATER POLLUTANTS	
CYPRINIDAE	
PIMEPHALES PROMELAS	803206
CYTOLOGY	

INHERITANCE	
POECILIIDAE	
XIPHOPHORUS	803116
GEOGRAPHIC VARIATION	
POECILIIDAE	
XIPHOPHORUS HELLERII	803116
ECOLOGICAL TECHNIQUES	802112
OUTDOOR CENSUS AND SAMPLING	802329
	802452
	802773
	800011
	800011
HOLOCENTRIDAE	
BLENNIIDAE	
CARANGIDAE	
SERIOLO QUINQUERADIATA	800483
EMMELICHTHYIDAE	800011
SERRANIDAE	800011
GEMPYLIDAE	800011
SCOMBRIDAE	800011
EUTHYNNUS	802887
SCOMBEROMORUS CAVALLA	802053
SCOMBEROMORUS MACULATUS	802053
THUNNUS	802887
THUNNUS ALBACARES	803359
EXOCOETIDAE	800011
	803184
PERCOPSIDAE	
PERCOPSIS OMISCOMAYCUS	802378
MYCTOPHIDAE	800011
SALMONIDAE	800892
ONCORHYNCHUS	802746
ONCORHYNCHUS GORBUSCHA	802396
ONCORHYNCHUS NERKA	802426
	802858
ONCORHYNCHUS TSHAWYTSCHA	802344
SALMO SALAR	801480
	801694
	801695
	802730
	800068
	801694
	800011
SALVELINUS FONTINALIS	
GONOSTOMATIDAE	
EGG	
SALMONIDAE	800087
FRY	
SALMONIDAE	
ONCORHYNCHUS KISUTCH	802401
SONAR OBSERVATION	
TELEOSTEI	802575
SLOW FLOWING STREAMS	803180
VERTICAL DISTRIBUTION	
CENTRARCHIDAE	
LEPOMIS GIBBOSUS	802734
PERCIDAE	
PERCA FLAVESCENS	802734
CLUPEIDAE	
ALOSA PSEUDOHARENGUS	802734
CYPRINIDAE	
NOTEMIGONUS CRYSOLEUCAS	802734
OSMERIDAE	
OSMERUS MORDAX	802734
EFFECT ON FISH	
CORAL REEF	
TELEOSTEI	801890
MEASURING EGG ABUNDANCE	802330
SCOMBRIDAE	
THUNNUS	803494
PLEURONECTIDAE	801459
CLUPEIDAE	
CLUPEA HARENGUS	801447
GADIDAE	801459
SALMONIDAE	
SALVELINUS MALMA	800998
MEASURING LARVAL ABUNDANCE	802331
PETROMYZONTOMORPHA	
PETROMYZON MARINUS	802732
TELEOSTEI	802706
PERCIDAE	
PERCA FLAVESCENS	802063
STIZOSTEDION VITREUM	802065
SCOMBRIDAE	
THUNNUS	803494
COTTIDAE	
COTTUS BELDINGII	802786
CLUPEIDAE	
CLUPEA HARENGUS	801002
	801481
	802423



FEEDING ANALYSIS METHODS				TELEOSTEI		801934	ICHTHYOLOGICAL TECHNIQUES
PERCIDAE				GOBIIDAE			(CONTINUED)
STIZOSTEDION VITREUM		802415		GOBIOSOMA BOSCI		802506	
				MUGILOIDEI			
				MUGIL CEPHALUS		802506	ECOLOGY
				CARANGIDAE		802506	
				ECHENEIDAE			
				REMORA REMORA		802506	HABITATS
ARTIFICIAL MODEL HABITATS		802337		EPIHIPPIIDAE			
TELEOSTEI		800720		CHAETODIPTERUS FABER		802506	
CARANGIDAE				SCIAENIDAE		802506	
SERIOLA QUINQUERADIATA		800488		SPARIDAE			
GERREIDAE				ARCHOSARGUS PROBATOCEPHALUS		802506	
EUCINOSTOMUS		800255		LAGODON RHOMBOIDES		802506	
SCIAENIDAE				SCOMBRIDAE			
MICROPOGON UNDULATUS		800255		SCOMBEROMORUS MACULATUS		802506	
PLEURONECTIDAE				TRICHIURIDAE			
PLEURONECTES PLATESSA		801950		TRICHIURUS LEPTURUS		802506	
CYPRINODONTIDAE				SPHYRAENOIDEI			
FUNDULUS HETEROCLITUS		800255		SPHYRAENA BOREALIS		802505	
POECILIIDAE				STROMATEIDAE			
POECILIA RETICULATA		801826		PEPRILUS ALEPIDOTUS		802506	
SALMONIDAE				PEPRILUS TRIACANTHUS		802506	
ONCORHYNCHUS GORBUSCHA		800949		URANOSCOPIDAE			
ONCORHYNCHUS KETA		800949		ASTROSCOPUS YGRAECUM		802506	
				BOTHIDAE			
				CITHARICHTHYS SPILOPTERUS		802506	
				ETROPUS CROSSOTUS		802506	
				PARALICHTHYS ALBIGUTTA		802506	
MATHEMATICAL POPULATION MODELS		802246		CYNOGLOSSIDAE			
		802247		SYMPHURUS PLAGIUSA		802506	
		802322		SOLEIDAE			
		802329		TRINECTES MACULATUS		802506	
		802332		TRIGLIDAE			
		802429		PRIONOTUS TRIBULUS		802506	
		802446		BALISTIDAE			
		802452		ALUTERA SCRIPTA		802506	
		802722		TETRAODONTIDAE			
TELEOSTEI				SPHAERODES NEPHELUS		802506	
GASTEROSTEIDAE				ATHERINIDAE			
GASTEROSTEUS ACULEATUS		801735		MEMBRAS MARTINICA		802506	
PERCIDAE				MENIDIA BERYLLINA		802506	
PERCA FLUVIATILIS		802824		CYPRINODONTIDAE		802506	
SCOMBRIDAE				BELONIDAE			
THUNNUS ALBACARES		801158		STRONGYLURA MARINA		802506	
SALMONIDAE				EXOCOETIDAE			
ONCORHYNCHUS GORBUSCHA		802396		HYPORHAMPHUS UNIFASCIATUS		802506	
ONCORHYNCHUS NERKA		802426		CLUPEIDAE		802506	
COMPUTER ANALYSIS		802518		ENGRAULIDAE			
INTERSPECIFIC COMPETITION		801686		ANCHOA HEPSETUS		802506	
RECRUITMENT		802607		ANCHOA MITCHILLI		802506	
REGULATION OF CATCH				ELOPIDAE			
MAXIMUM YIELD				ELOPS SAURUS		802506	
PLEURONECTIDAE				ARIIDAE			
HIPPOGLOSSUS STENOLEPIS		801983		BAGRE MARINUS		802506	
				GALEICHTHYS FELIS		802506	
				GOBIESOCIFORMES			
				GOBIESOX STRUMOSUS		802506	
RADIOACTIVE ECOLOGICAL TECHNIQUES				ANTENNARIIDAE			
MUGILOIDEI				HISTRIO HISTRIO		802506	
MUGIL CEPHALUS		800140		FISH CULTURAL METHODOLOGY			
CYPRINIDAE				MUGILOIDEI			
CARASSIUS AURATUS		802405		MUGIL		802278	
		802163		PLEURONECTIDAE			
				PLEURONECTES PLATESSA		802278	
				CHANIDAE			
				CHANOS CHANOS		802278	
AQUATIC SOUND TECHNIQUES				CORAL REEF			
ARIIDAE				ACANTHURIDAE		803086	
GALEICHTHYS FELIS		803295		LUTJANIDAE		803086	
BATRACHOIDIFORMES				SERRANIDAE		803086	
OPSANUS BETA		803295					
COMPUTER ANALYSIS							
PERCIDAE							
PERCA FLUVIATILIS		802824					
		803244					

HABITATS (CONTINUED)	ANTIMORA ROSTRATA	800590	CYMATOGASTER AGGREGATA	802604
			EMMELICHTHYIDAE	803131
			EPHIPPIDAE	
			DREPANE AFRICANA	802408
			KYPHOSIDAE	
			BOOPS BOOPS	802408
			LETHRINIDAE	
			LETHRINUS ATLANTICUS	802408
			LUTJANIDAE	
			LUTJANUS AGENNES	802408
			LUTJANUS FULGENS	802408
			MULLIDAE	803131
			PSEUDUPENEUS PRAYENSIS	802408
			POMADASYIDAE	803131
			BRACHYDEUTERUS AURITUS	802408
			POMADASYUS JUBELINI	802408
			POMATOMIDAE	
			POMATOMUS SALTATRIX	803131
			PRIACANTHIDAE	
			PRIACANTHUS ARENATUS	802408
			SCIAENIDAE	
			PSEUDOTOLITHUS SENEGALENSIS	802408
			PSEUDOTOLITHUS TYPUS	802408
			PTEROSCION MBIZI	802408
			PTEROSCION PELI	802408
			SERRANIDAE	803131
			EPINEPHELUS AENEUS	802408
			SPARIDAE	803131
			DENTEX ANGOLENSIS	802408
			DENTEX CONGOENSIS	802408
			PAGELLUS COUPEI	802408
			PAGRUS EHRENBERGI	802408
			POLYNEMOIDEI	
			GALEOIDES DECACTYLUS	802408
				803131
			PENTANEMUS QUINQUARIUS	802408
			GEMPYLIDAE	
			RUVEITUS PRETIOSUS	803131
			SCOMBRIDAE	803131
			SCOMBER JAPONICUS	802408
			TRICHIURIDAE	
			LEPIDOPUS CAUDATUS	803131
			TRICHIURUS LEPTURUS	802408
				803131
			SPHYRAENOIDEI	
			SPHYRAENA	802408
			ARIOMMIDAE	
			ARIOMMA LEDANOISEI	802408
			CENTROLOPHIDAE	
			CENTROLOPHUS NIGER	803131
			MUPUS OVALIS	803131
			NOMEIDAE	
			CUBICEPS ISMAELENIS	803131
			PARACUBICEPS LEDANOISI	803131
			STROMATEIDAE	
			STROMATEUS FIATOLA	803131
			BATHYMASTERIDAE	
			RONQUILUS JORDANI	802604
			PERCOPHIDAE	
			BEMBROPS HETERURUS	802408
				803131
			TRACHINIDAE	
			URANOSCOPIIDAE	
			URANOSCOPIUS BUFO	803131
			URANOSCOPIUS SCABER	801995
			BOTHIDAE	803131
			BOTHUS PODAS	802408
			CITHARICHTHYS SORDIDUS	802604
			CITHARICHTHYS STIGMAEUS	802604
			EUCITHARUS LINGUATULA	802408
			CYNOGLOSSIDAE	
			CYNOGLOSSUS BROWNI	802408
			CYNOGLOSSUS CANARIENSIS	802408
			SYMPHURUS NIGRESCENS	803131
			PLEURONECTIDAE	802604
			PLATICHTHYS FLEUSUS	801995
				803131
			PSETTODIDAE	
			PSETTODES BELCHERI	803131
			SOLEIDAE	801995
				803131
			AGONIDAE	802604
			COTTIDAE	802604
			ANOPILOPOMATIDAE	
			ANOPILOPOMA FIMBRIA	802604
			HEXAGRAMMIDAE	
			OPHIODON ELONGATUS	802604
			PLATYCEPHALOIDEI	
			PLATYCEPHALUS GRUVELI	803131
			SCORPAENIDAE	802604
				803131
			TRIGLIDAE	
			LEPIDOTRIGLA CADMANI	802408
			LEPIDOTRIGLA LAEVIPINNIS	802408
			PERISTIDIUM CATAPHRACTUM	802408
			BALISTIDAE	
			BALISTES CAPRISCUS	802408
			BALISTES FORCIPATUS	802408
			DIODONTIDAE	
			CHILOMYCTERUS ANTENNATUS	802408
				803131
			TETRAODONTIDAE	803131
			EPHIPPION GUTTIFER	802408
			LAGOCEPHALUS LAEVIGATUS	802408
			CAPROIDAE	
			ANTIGONIA CAPROS	803

CAPROS APER	803131	APOGONIDAE	803131	HABITATS
ZEIDAE	803131	EPIGONUS TELESOPUS	802408	(CONTINUED)
ZENOPSIS CONCHIFER	802408	SYNAGROPS MICROLEPIS	802408	
CLUPEIDAE	803131	POMATOMIDAE		
ILISHA AFRICANA	802408	HYPOCLYDONIA BELLA	802408	
ENGRAULIDAE		SPARIDAE	803131	
ENGRAULIS ENCRASICOLUS	803131	TRICHIURIDAE		
ENGRAULIS HEPSETUS	803131	BENTHODESMUS	802408	
MURAENESOCIDAE		LEPIDOPUS CAUDATUS	803131	
MURAENESOX FEROX	803131	ARIOMMIDAE		
MURAENIDAE		ARIOMMA MULTISQUAMIS	802408	
MURAENA HELENA	803131	CENTROLOPHIDAE		
NETTASTOMATIDAE		CENTROLOPHUS NIGER	803131	
NETTASTOMA MELANURA	803131	NOMEIDAE		
OPHICHTHIDAE		CUBICEPS ISMAELENIS	803131	
ECHELUS MYRUS	803131	PERCOPHIDIDAE		
MYSTRIOPHIS ROSTELLATUS	803131	BEMBROPS HETERURUS	802408	
OPHISURUS SERPENS	803131	BOTHIDAE	801995	
ALBULIDAE			803131	
ALBULA VULPES	802408	CHASCANOPSETTA LUGUBRIS	802408	
PTEROTHRISUS BELLOCI	803131	CYNOGLOSSIDAE		
ARIIDAE		SYMPHURUS LIGULATUS	803131	
ARIUS	802408	SYMPHURUS NIGRESCENS	803131	
ARIUS HEUDELOTI	803131	PLEURONECTIDAE	802604	
BATRACHOIDIFORMES		SOLEIDAE	801995	
BATRACHOIDES DIDACTYLUS	803131		803131	
GADIDAE		CYCLOPTERIDAE		
MICROGADUS PROXIMUS	803131	CAREPROCTUS MELANURUS	802604	
MACROURIDAE	802604	RHINOLIPARIS ATTENUATUS	802604	
MERLUCCIIDAE	803131	ANOPLPOMATIDAE		
MERLUCCIIUS CADENATI	803131	ANOPLPOMA FIMBRIA	802604	
MERLUCCIIUS MERLUCCIIUS	803131	SCORPAENIDAE	802604	
MERLUCCIIUS SENEGALENSIS	803131		803131	
OPHIDIIDAE		SETARCHES GUENTHERI	802408	
BROTULA BARBATA	802408	TRIGLIDAE		
	803131	PERISTEDION CATAPHRACTUM	802408	
OPHIDION BARBATUM	803131	CAPROIDAE		
ANTENNARIIDAE		ANTIGONIA CAPROS	802408	
ANTENNARIUS OCCIDENTALIS	803131	GRAMMICOLEPIDIDAE		
LOPHIIDAE	803131	GRAMMICOLEPIS BRACHIUSCULUS	803131	
ARGENTINIDAE		ZEIDAE	803131	
ARGENTINA LEIOGLOSSA	803131	CYTUS ROSEUS	802408	
ARGENTINA SPHYRAENA	803131	ZENOPSIS CONCHIFER	802408	
AULOPODIDAE		NEMICHTHYIDAE		
AULOPUS FILAMENTOSUS	803131	NEMICHTHYS SCOLOPACEUS	803131	
CHLOROPHTHALMIDAE		NETTASTOMATIDAE		
CHLOROPHTHALMUS AGASSIZI	803131	NETTASTOMA MELANURA	803131	
CHLOROPHTHALMUS FRASERBRUNNERI	803131	VENEFICA PROBOSCEIDA	803131	
MYCTOPHIDAE	803131	OPHICHTHIDAE		
PARALEPIDIDAE	803131	OPHISURUS SERPENS	803131	
SYNODONTIDAE		SYNAPHOBANCHIDAE		
SAURIDA PARRI	803131	SYNAPHOBANCHUS PINNATUS	803131	
SYNODUS SAURUS	803131	HALOSAURIDAE		
TRACHINOCEPHALUS MYOPS	802408	HALOSAURUS OWENI	802408	
CHAULIODONTIDAE			803131	
CHAULIODUS SLOANEI	803131	NOTACANTHIDAE		
GONOSTOMATIDAE		NOTACANTHUS BONAPARTEI	803131	
MAUROLICUS MUELLERI	803131	NOTACANTHUS MOSELEYI	803131	
STERNOPTYCHIDAE		POLYACANTHONOTUS RISSOANUS	803131	
ARGYROPELECUS HEMIGYMNUS	803131	GADIDAE	803131	
STOMIATIDAE		MACROURIDAE	802408	
STOMIAS BOA	803131		803131	
AS PREDATOR		CORYPHAENOIDES ACROLEPIS	802604	
PLEURONECTIDAE		CORYPHAENOIDES PECTORALIS	802604	
LIMANDA LIMANDA	800179	MERLUCCIIDAE		
PLATICHTHYS FLEUS	800179	MERLUCCIIUS	802408	
PLEURONECTES PLATESSA	800179	MERLUCCIIUS CADENATI	803131	
PLEURONECTES FLEUS	800179	MERLUCCIIUS MERLUCCIIUS	803131	
		MERLUCCIIUS SENEGALENSIS	803131	
		MORIDAE	802408	
		ANTIMORA ROSTRATA	802604	
		HALOPORPHYRUS LEPIDION	803131	
		MORA MORA	803131	
		OPHIDIIDAE		
		GRAMMONUS ARMATUS	803131	
		OLIGOPUS ATER	803131	
		ZOARCIDAE	802604	
		CHAUNACIDAE		
		CHAUNAX PICTUS	802408	
			803131	
		HIMANTOLOPHIDAE		
		PARONEIRODES WEDLI	803131	
		LOPHIIDAE	803131	
		OGCOCEPHALIDAE		
		DIBRANCHUS ATLANTICUS	802408	
			803131	
		ATELEOPODIDAE		
		MELANOGLAEA VENTRALIS	803131	
		ALEPOCEPHALOIDEI		
		ALEPOCEPHALUS CONVEXIFRONS	802604	
		ALEPOCEPHALUS ROSTRATUS	803131	
		XENODERMICHTHYS SOCIALIS	803131	
		ARGENTINIDAE		
		ARGENTINA LEIOGLOSSA	803131	
		ARGENTINA SPHYRAENA	803131	
		BATHYPTEROIDAE		
		BATHYPTEROIS MEDITERRANEUS	803131	
		CHLOROPHTHALMIDAE		
		CHLOROPHTHALMUS AGASSIZI	803131	
		CHLOROPHTHALMUS ATLANTICUS	803131	
		EVERMANNELLIDAE		
		EVERMANNELLA BALBO	803131	
		MYCTOPHIDAE	803131	
		NEOSCOPELIDAE		
		NEOSCOPELUS MACROLEPIDOTUS	803131	
		NEOSCOPELUS MICROCHIR	803131	
		PARALEPIDIDAE	803131	
<b>BATHYAL ZONE</b>				
MYXINOMORPHA				
EPTATRETUS DEANI	802604			
EPTATRETUS STOUTII	802604			
CHIMAEROMORPHA				
CHIMAERA MONSTROSA	803131			
RAJIDAE	803131			
RAJA KINCAIDII	802604			
RAJA TRACHURA	802604			
CARCHARINIDAE	803131			
GALEUS POLLI	802408			
SCYLIORHINIDAE				
PRISTIURUS MELANTOSTOMUS	803131			
HEXANCHIFORMES				
HEPTRANCHIAS CINEREUS	803131			
HEXANCHUS GRISEUS	803131			
ECHINORHINIDAE				
SCYMNORHINUS LICA	803131			
SOMNIOSUS ROSTRATUS	803131			
SQUALIDAE	803131			
ETMOPTERUS PUSILLUS	802408			
SQUATINIDAE				
SQUATINA ACULEATA	803131			
SQUATINA OCULATA	803131			
BERYCIDAE				
BERYX DECADACTYLUS	803131			
BERYX SPLENDENS	803131			
TRACHICHTHYIDAE				
HOPLOSTETHUS	803131			
HOPLOSTETHUS MEDITERRANEUS	803131			
SYNGNATHIDAE				
SYNGNATHUS PHLEGON	803131			
CALLIONYMOIDEI				
CALLIONYMUS PHAETON	803131			
LABRIDAE	803131			



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ANGUILLA ANGUILLA	802048	SALMONIDAE		HABITATS
CYPRINIDAE	802048	ONCORHYNCHUS TSHAWYTSCHA	802767	(CONTINUED)
ESOCIDAE				
ESOX LUCIUS	802048			
		SWAMPS AND MARSHES		
		PERCIDAE		
		ACERINA CERNUA	801759	
LIMNETIC ZONE		PERCA FLUVIATILIS	801759	
CICHLIDAE	801279	CYPRINIDAE		
		CYPRINUS CARPIO	801759	
		RUTILUS RUTILUS	801759	
		GADIDAE	801759	
FRESHWATER BENTHIC ZONE		LOTA LOTA	801759	
CICHLIDAE	801279	ESOCIDAE		
	802424	ESOX LUCIUS	801759	
			802972	
RESERVOIRS				
ACIPENSEROMORPHA		STAGNANT WATERS		
ACIPENSER GULDENSTAEDTI	803200	SYNBRANCHIDAE		
ACIPENSER RUTHENUS	803200	SYNBRANCHUS MARMORATUS	800219	
HUSO HUSO	803200	CALLICHTHYIDAE		
SEMIONOTOMORPHA	802156	DIANEMA LONGIBARBIS	800219	
CENTRARCHIDAE	802156			
PERCIDAE				
PERCA FLUVIATILIS	802948			
	803018			
	803496	ASTATIC WATERS		
	802156	CYPRINODONTIDAE		
STIZOSTEDION CANADENSE	802948	APHYOSEMION ROLOFFII	800239	
STIZOSTEDION LUCIOPERCA	803496	DESCRIPTION AND OCCURRENCE		
	802156	GALAXIIDAE		
STIZOSTEDION VITREUM		NEOCHANNA APODA	800333	
SCIAENIDAE				
APLODINOTUS GRUNNIENS	802156			
SERRANIDAE				
MORONE CHRYSOPS	802156			
COTTIDAE				
COTTUS CAROLINAE	802156	TORRENTIAL STREAMS		
CYPRINODONTIDAE		MASTACEMBELIDAE		
FUNDULUS OLIVACEUS	802156	CAECOMASTACEMBELUS BRICHARDI	803015	
POECILIIDAE		CICHLIDAE		
GAMBUSIA AFFINIS	802156	TELEGRAMMA BRICHARDI	803015	
CLUPEIDAE		BAGRIDAE		
ALOSA CHRYSOCHLORIS	802156	RHEOGLANIS DENDROPHORUS	803015	
DOROSOMA CEPEDIANUM	802156	ZAIREICHTHYS ZONATUS	803015	
DOROSOMA PETENENSE	802156	SCHILBEIDAE		
CATOSTOMIDAE	802156	GYMNALLABES TIHONI	803015	
CYPRINIDAE	802046	SISORIDAE		
	802156	CHIOGLANUS ANOTERUS	801217	
	802660	MORMYRIDAE	803015	
	802948			
ABRAMIS BALLERUS	802822			
ABRAMIS BRAMA	803190	FAST FLOWING STREAMS		
	803340	LORICARIIDAE		
	803495	HYPOSTOMUS	802883	
ASPIUS ASPIUS	803497			
CARASSIUS AURATUS	803347			
	802156			
	803326			
CARASSIUS CARASSIUS	803326			
CHALCALBURNUS CHALCOIDES	803159			
CYPRINUS CARPIO	802156	SUBTERRANEAN WATERS		
	803476	POECILIIDAE		
VIMBA VIMBA	803159	GAMBUSIA AFFINIS	801889	
BAGRIDAE		POECILIA SPHENOPS	801154	
MYSTUS AOR	802660	TRICHOMYCTERIDAE		
MYSTUS SEENGHALA	802660	TRICHOMYCTERUS CHABERTI	803309	
ICTALURIDAE		AMBLYOPSIDAE		
ICTALURUS PUNCTATUS	802156	CHOLOGASTER AGASSIZI	802776	
PANGASIIDAE		DESCRIPTIVE EVOLUTION		
PANGASIUS PANGASIUS	802660	POECILIIDAE		
SCHILBEIDAE		POECILIA SPHENOPS	801168	
SILONIA SILONIA	802660	EFFECT ON FISH		
SILURIDAE		ADAPTIVE EVOLUTION		
WALLAGONIA ATTU	802660	CHARACIDAE		
HIODONTIDAE		ASTYANAX ANTROBIUS	801262	
HIODON TERGISUS	802156			
MORMYRIDAE	802659			
GADIDAE				
LOTA LOTA	803496	THERMAL SPRINGS		
	803498	CICHLIDAE		
	803499	TILAPIA ALCALICA	800685	
ESOCIDAE		TILAPIA GRAHAMI	800685	
ESOX LUCIUS	802948	TILAPIA MOSSAMBICA	801217	
	803476	CYPRINODONTIDAE		
	803496	CYPRINODON BIFASCIATUS	801477	
SALMONIDAE		POECILIIDAE		
ONCORHYNCHUS KISUTCH	802107	POECILIA	801372	
ONCORHYNCHUS TSHAWYTSCHA	802107			
SALMO GAIRDNERII	802107			
	802156			
	801319			
SALMO TRUTTA				
POPULATION CHANGES				
TELEOSTEI	801498	MANMADE HABITATS		
PRODUCTIVITY		GASTEROSTEIDAE		
TELEOSTEI	801682	GASTEROSTEUS ACULEATUS	800627	
EFFECT ON FISH		AMMODYTIDAE		
RATE OF GROWTH		AMMODYTES TOBIANUS	800627	
POPULATION DENSITY		GOBIIDAE		
SCIAENIDAE		GOBIUS MICROPS	800627	
APLODINOTUS GRUNNIENS	802775	LOPHOGOBIUS CYPRINOIDES	803054	
MIGRATIONS		MUGILOIDEI		
YOUNG		MUGIL LABROSUS	800627	

HABITATS (CONTINUED)			
SERRANIDAE		STIZOSTEDION VITREUM	802065
MORONE LABRAX	800627	SCORPAENIDAE	801778
TRACHINIDAE		SCOMBERESOCIDAE	
TRACHINUS VIPERA	800627	COLOLABIS SAIRA	801778
PLEURONECTIDAE		CLUPEIDAE	
LIMANDA LIMANDA	800627	CLUPEA HARENGUS	801001
PLEURONECTES FLESIUS	800627		801002
PLEURONECTES PLATESSA	800627		801481
ANGUILLIDAE			802423
ANGUILLA ANGUILLA	800627	ETRUMEUS TERES	800555
CONGRIDAE		SARDINOPS MELANOSTICTA	800555
CONGER CONGER	800627	SARDINOPS CAERULEA	801778
GADIDAE		ENGRAULIDAE	
GADUS MORHUA	800627	ENGRAULIS MORDAX	801778
DESCRIPTION AND OCCURRENCE			802141
VASCULAR PLANTS	801424	ENGRAULIS JAPONICUS	800555
		GADIDAE	
		LOTA LOTA	802495
DISTRIBUTION WITHIN HABITAT		MICROMESISTIUS POUTASSOU	801134
ALOPIIDAE		MERLUCCIIDAE	
ALOPIAS VULPINUS	802440	MERLUCCIIUS PRODUCTUS	801778
CARCHARINIDAE	802440	MYCTOPHIDAE	
ACANTHURIDAE		DIAGENICHTHYS LATERNATUS	801778
ACANTHURUS TRIOSTEGUS	802212	GONOSTOMATIDAE	
AMMODYTIDAE		VINCIGUERRIA LUCETIA	801778
AMMODYTES DUBIUS	802544	TEMPERATURE	
GOBIIDAE		ISTIOPHORIDAE	
PERIOPHTHALMUS SOBRINUS	802217	MAKAIRA NIGRICANS	802191
CENTRARCHIDAE	801877	CIRCADIAN RHYTHMS	
	802534	YOUNG	
		COTTIDAE	
CICHLIDAE		COTTUS ASPER	802556
HEMICHRONIS FASCIATUS	802624	SEASONAL CHANGES	
PELMATOCHROMIS GUENTHERI	802624	COTTIDAE	
TILAPIA BUSUMANA	802624	COTTUS ALEUTICUS	800781
TILAPIA DISCOLOR	802624	FEEDING	
TILAPIA MULTIFASCIATA	802624	FRY	
PERCIDAE	802534	MUGILOIDEI	
PERCA FLAVESCENS	802393	MUGIL AURATUS	802826
ISTIOPHORIDAE	802440	MUGIL CEPHALUS	802826
SCOMBRIDAE	802440	MUGIL SALIENS	802826
EUTHYNUS PELAMIS	802462	MATING	
THUNNUS	802462	CLUPEIDAE	
THUNNUS ALALUNGA	802963	CLUPEA HARENGUS	801003
XIPHIIDAE		EXPERIMENTAL ANALYSIS	
XIPHIAS GLADIUS	802440	CARANGIDAE	
EXOCHOETIDAE	803184	SERIOLA QUINQUERADIATA	800488
CLUPEIDAE			
CLUPEA HARENGUS	801004		
DORSOMA CEPEDIANUM	801877		
CATOSTOMIDAE	801877	VERTICAL DISTRIBUTION	
	802534	MYXINOMORPHA	
CYPRINIDAE	802534	EPTATRETUS DEANI	802604
BARBUS ABLABES	802624	EPTATRETUS STOUTII	802604
BARBUS TRISPILUS	802624	CHIMAEROMORPHA	
CYPRINUS CARPIO	801877	CHIMAERA MONSTROSA	801248
HYBOGNATHUS NUCHALIS	801877	HYDROLAGUS AFFINIS	801084
NOTROPIS CHRYSOCEPHALUS	801877	HYDROLAGUS COLLIEI	801780
CLARIIDAE			802604
HETEROBANCHUS LONGIFILIS	802624	ELASMOBRANCHII	802408
ICTALURIDAE	802534	RAJIDAE	801780
ICTALURUS PUNCTATUS	801877		802604
ESOCIDAE		BREVIRAJA PALLIDA	801084
ESOX AMERICANUS	801877	RAJA RICHARDSONI	801084
SALMONIDAE		HEXANCHIFORMES	
ONCORHYNCHUS KISUTCH	802107	CHLAMYDOSELACHUS ANGUINEUM	802456
ONCORHYNCHUS TSHAWYTSCHA	802107	SQUALIDAE	803060
SALMO GAIKNERII	802107	CENTROPHORUS SQUAMOSUS	801084
EGG		CENTROSCYMNUM COELOLEPIS	801084
CARANGIDAE		DEANIA CALCEA	801084
TRACHURUS SYMMETRICUS	801778	ETMOPTERUS PRINCEPS	801084
SCOMBRIDAE		SQUALUS ACANTHIAS	801780
SCOMBER SCOMBRUS	801998		802604
PLEURONECTIDAE		ACIPENSEROMORPHA	
ISOSETTA ISOLEPIS	802474	ACIPENSER STURIO	803172
CLUPEIDAE		TELEOSTEI	802408
ALOSA FALLAX	800197	ANOPLAGASTERIDAE	
ETRUMEUS TERES	800555	ANOPLAGASTER CORNUTA	801858
SARDINOPS MELANOSTICTA	800555	DIRETMIDAE	
ENGRAULIDAE		DIRETMUS ARGENTEUS	803060
ENGRAULIS ENCRASICOLUS	802011	HOLOCENTRIDAE	
	800921	FLAMMEO MARIANUS	801917
GADIDAE		HOLOCENTRUS LACTEOGUTTATUS	800336
THERAGRA CHALCOGRAMMUS	803185	MELAMPHAIDAE	
SALMONIDAE		POROMITRA CRASSICEPS	801858
SALVELINUS MALMA	800998	TRACHICHTHYIDAE	
LARVA		HOPLOSTETHUS GILCHRISTI	803060
SCOMBRIDAE		HOPLOSTETHUS MEDITERRANEUS	803060
SCOMBER SCOMBRUS	802688	GASTEROSTEIDAE	
CLUPEIDAE		CULAEA INCONSTANS	801876
SARDINA PILCHARDUS	802012	PUNGITIUS PUNGITIUS	801876
SPRATTUS SPRATTUS	802688	LAMPRIDAE	
ENGRAULIDAE		LAMPRIUS REGIUS	801858



CRYPTOTOMUS ROSEUS	801917	CHILOMYCTERUS ANTILLARUM	801917	HABITATS
NICHOLSINA USTA	801917	TRIACANTHODIDAE	801918	(CONTINUED)
APOGONIDAE		OREOSOMATIDAE		
EPIGONUS TELESOPUS	803060	ALLOCYTTUS FOLLETTI	801858	
HOWELLA BRODIEI	801858	ALLOCYTTUS VERRUCOSUS	803060	
CARANGIDAE		ZEIDAE		
CARANX LUTESCENS	800332	NEOCYTTUS RHOMBIODALIS	803060	
CARANX MELAMPYGUS	800336	CYPRINODONTIDAE		
CENTRARCHIDAE		FUNDULUS DIAPHANUS	800510	
LEPOMIS AURITUS	800510	CLUPEIDAE		
POMOXIS ANNULARIS	801375	CLUPEA HARENGUS	801001	
CHAETODONTIDAE			801003	
CENTROPYGE ARGENTUS	801917	DOROSOMA CEPEDIANUM	801375	
CHAETODON LUNULA	800336	SARDINOPS CAERULEA	801815	
CHAETODON MILIARIS	800336	ENGRAULIDAE		
HENIOCHUS ACUMINATUS	800336	ENGRAULIS MORDAX	801815	
PROGNATHODES ACULEATUS	801917	MURAENOSOCIDAE	800402	
CHEILODACTYLIDAE		MURAENIDAE		
CHEILODACTYLUS MACROPTERUS	800332	GYMNOTHORAX	800336	
CICHLIDAE	802778	NEMICHTHYIDAE		
EMBIOTOCIDAE		AVOCETTINA INFANS	803060	
CYMATOGASTER AGGREGATA	802604	NEMICHTHYS SCOLOPACEUS	801858	
EMMELICHTHYIDAE			803060	
EMMELICHTHYOPS ATLANTICUS	801917	SERRIVOMERIDAE		
GRAMMIDAE	801917	SERRIVOMER SECTOR	801858	
LUTJANIDAE		SYNAPHOBANCHIDAE	801352	
LUTJANUS BOHAR	803086	SYNAPHOBANCHUS KAUP	801084	
MULLIDAE		NOTACANTHIDAE		
PARUPENEUS MULTIFASCIATUS	800336	NOTACANTHUS SEXSPINIS	803060	
PARUPENEUS PORPHYREUS	800336	EURYPHARYNGIDAE		
PERCIDAE		EURYPHARYNX PELECANOIDES	801858	
ETHEOSTOMA OLMSTEDI	800510	CATOSTOMIDAE		
PERCINA PELTATA	800510	CATOSTOMUS COMMERSONI	800510	
STIZOSTEDION VITREUM	801375	HYPENTELIUM NIGRICANS	800510	
SCIAENIDAE		CYPRINIDAE	800510	
APLODINOTUS GRUNNIENS	801375	CYPRINUS CARPIO	801375	
SERRANIDAE	801917	ICTALURIDAE		
MORONE CHRYSOPS	801375	ICTALURUS MELAS	801375	
SPARIDAE		ICTALURUS PUNCTATUS	801375	
CHRYSOPHRYS AURATUS	800332	NOTURUS INSIGNIS	800510	
ISTIOPHORIDAE	802052	BATRACHOIDIFORMES		
SCOMBRIDAE	802052	THALASSOPHYRNE MACULOSA	801917	
SCOMBER JAPONICUS	801098	GADIDAE	801780	
THUNNUS	800524	MICROGADUS PROXIMUS	802604	
THUNNUS ALALUNGA	800339	MICROMESISTIUS POUTASSOU	801133	
THUNNUS ALBACARES	800885	THERAGRA CHALCOGRAMMUS	800923	
	803359	TRISOPTERUS ESMARKII	801127	
THUNNUS OBESUS	800339		801129	
	800885	MACRURIDAE	803060	
THUNNUS THYNNUS	800339	CORYPHAENOIDES ACROLEPIS	802604	
TRICHIURIDAE		CORYPHAENOIDES PECTORALIS	802604	
LEPIDOPUS XANTUSI	801858	NEMATONURUS ARMATUS	801084	
XIPHIIDAE		NEZUMIA STELGIDOLEPIS	801858	
XIPHIAS GLADIUS	801707	MERLUCCIIDAE		
BATHYMASTERIDAE		MERLUCCIUS CAPENSIS	801981	
RONQUILUS JORDANI	802604	MERLUCCIUS PRODUCTUS	801780	
URANOSCOPIIDAE		MORIDAE		
KATHETOSTOMA AVERUNCUS	801858	ANTIMORA ROSTRATA	801084	
BOTHIDAE	801995		801858	
CITHARICHTHYS SORDIDUS	801780	LEPIDION GUENTHERI	802604	
	802604	MORA MORA	801084	
CITHARICHTHYS STIGMAEUS	802604	OPHIDIIDAE	803060	
CYCLOPSETTA CHITTENDENI	802791	OTOPHIDIUM TAYLORI	801858	
CYNOGLOSSIDAE		PARABASSOGIGAS CRASSUS	801084	
SYMPHURUS ARAWAK	801917	ZOARCIDAE	802604	
PLEURONECTIDAE	801780	BOTHROCARA BRUNNEUM	801858	
	802604	PARABROTULA PLAGIOPHTHALMUS	802793	
REINHARDTIUS HIPPOGLOSSOIDES	802613	CAULOPHYRYNIDAE		
SCOPHTHALMIDAE		CAULOPHYRYNE JORDANI	801858	
SCOPHTHALMUS MAXIMUS	801995	LOPHIIDAE		
SCOPHTHALMUS RHOMBUS	801995	CHIROLOPHIUS SPILURUS	801858	
SOLEIDAE	801995	ONEIRODIDAE		
AGONIDAE	802604	ONEIRODES ACANTHIAS	801858	
XENERETMUS LATIFRONS	801858	BARBOURISIIDAE		
COTTIDAE	802604	BARBOURISIA RUFA	803060	
COTTUS BAIRDII	800510	CETOMIMIDAE	801858	
COTTUNCULIDAE		RONDELETIIDAE		
COTTUNCULOIDES INERMIS	803060	RONDELETIA LORICATA	801858	
CYCLOPTERIDAE		ALEPOCEPHALOIDEI	801858	
CAREPROCTUS MELANURUS	801858	ALEPOCEPHALUS CONVEXIFRONS	802604	
	802604	ARGENTINIDAE	802296	
RHINOLIPARIS ATTENUATUS	802604	ARGENTINA SIALIS	801858	
ANOPLOPOMATIDAE		ARGENTINA SILUS	801124	
ANOPLOPOMA FIMBRIA	800755	BATHYLAGIDAE		
	801780	BATHYLAGUS PACIFICUS	801858	
	801815	MYCTOPHIDAE	802060	
	802604		802296	
HEXAGRAMMIDAE			803060	
OPHIODON ELONGATUS	801780	CERATOSCOPELUS TOWNSENDI	802816	
	802604	DIAPHUS DUMERII	800961	
ZANIOLEPIDIDAE		NEOSCOPELIDAE		
ZANIOLEPIS FRENATA	801858	SCOPELENGYS TRISTIS	801858	
SCORPAENIDAE	801780	PARALEPIDIDAE		
	802002	LESTIDIUM RINGENS	801858	
	802604	SUDIS HYALINA	800769	
SEBASTES	800923	SCOPELARCHIDAE	801858	
SEBASTODES ALUTUS	801805	SALMONIDAE		
	801806	ONCORHYNCHUS GORBUSCHA	800759	
TRIGLIDAE		ONCORHYNCHUS KETA	800759	
CHELIDONICHTHYS KUMU	800332	ONCORHYNCHUS KISUTCH	802107	
LEPIDOTRIGLA BRACHYOPTERA	800332	ONCORHYNCHUS NERKA	800759	
PTERYGOTRIGLA PICTA	800332	ONCORHYNCHUS TSHAWYTSCHA	802107	
BALISTIDAE		SALMO GAIRDNERII	802107	
MELICHTHYS VIDUA	800336	SALMO TRUTTA	800510	
XANTHICHTHYS RINGENS	801917	SALVELINUS ALPINUS	802342	
DIODONTIDAE		SALVELINUS NAMAYCUSH	803073	

HABITATS (CONTINUED)	ASTRONESTHIDAE		CYPRINIDAE	
	BOROSTOMIAS PANAMENSIS	801858	TINCA TINCA	802483
	CHAULIODONTIDAE		LARVA	
ENVIRONMENTAL FACTORS	CHAULIODUS MACOUNI	801858	CLUPEIDAE	
		802296	ALOSA SAPIDISSIMA	803374
	GONOSTOMATIDAE	803060	GROUP EFFECT	
	DANAPHOS OCULATUS	801858	SALMONIDAE	
	MALACOSTEIDAE		SALMO GAIRDNERII	802553
	ARISTOSTOMIAS SCINTILLANS	801858	ACCLIMATION	
	MELANOSTOMIATIDAE		CYPRINIDAE	
	BATHOPHILUS FLEMINGI	801858	CARASSIUS AURATUS	800951
	MELANOSTOMIAS TENTACULUS	803060	AVOIDANCE RESPONSES	
	TACTOSTOMA MACROPUS	802296	HEAVY METAL POLLUTANTS	
	STERNOPTYCHIDAE		SALMONIDAE	
	STERNOPTYX DIAPHANA	803060	SALMO GAIRDNERII	802229
	STOMIATIDAE		STRESS REACTIONS	
	STOMIAS ATRIVENTER	801858	INSECTICIDE POLLUTANTS	
	EGG		SALMONIDAE	
	ENGRAULIDAE		SALVELINUS FONTINALIS	802580
	ENGRAULIS ENCRASICHOLUS	800980	EXPERIMENTAL ANALYSIS	
	ENGRAULIS ENCRASICOLUS	800980	CICHLIDAE	800692
	GADIDAE		TILAPIA NILOTICA	800060
	THERAGRA CHALCOGRAMMUS	803185	OXYGEN CONSUMPTION	
	LARVA		CYPRINIDAE	
	ENGRAULIDAE		CARASSIUS AURATUS	802367
	ENGRAULIS ENCRASICHOLUS	800980		802368
	ENGRAULIS ENCRASICOLUS	800980	PROTEIN SYNTHESIS	
	ENGRAULIS MORDAX	802141	BATRACHOIDIFORMES	
	CONGRIDAE		OPSANUS TAU	802180
	CONGER MYRIASTER	802900	LDH ISOENZYMES	
	BREGMACEROTIDAE		DIPNOI	
	BREGMACEROS MACCLELLANDI	802715	LEPIDOSIREN PARADOXA	802258
	DAMS AND BARRIERS		NOTOTHEIIDAE	
	PETROMYZONTOMORPHA		TREMATOMUS BORCHGREVINKI	802258
	LAMPETRA TRIDENTATA	802967	SCOMBRIDAE	
	YOUNG		THUNNUS THYNNUS	802258
	DAMS AND BARRIERS		SALMONIDAE	
	SALMONIDAE		SALVELINUS FONTINALIS	802258
	ONCORHYNCHUS NERKA	802967	SALVELINUS NAMAYCUSH	802258
	ONCORHYNCHUS TSHAWYTSCHA	802967	STRUCTURAL COLORS	
	SALMO GAIRDNERII	802967	SALMONIDAE	
	MAXIMUM SIZE		SALMO SALAR	802549
	GADIDAE		ELECTRIC ORGANS	
	MICROMESISTIUS POUTASSOU	802024	APTERONOTIDAE	801622
	CIRCADIAN RHYTHMS		THYROID	
	LARVA		MUGILOIDEI	
	COTTIDAE		MUGIL AURATUS	801265
	COTTUS BELDINGII	802786	CYPRINIDAE	
	SEASONAL CHANGES		CYPRINUS CARPIO	801265
	GADIDAE		KIDNEY	
	MICROMESISTIUS POUTASSOU	802024	CATOSTOMIDAE	
	EXPERIMENTAL ANALYSIS		CATOSTOMUS COMMERSONI	800577
	ACANTHURIDAE		EGG	
	ACANTHURUS TRIOSTEGUS	802212	PLEURONECTIDAE	
			PAROPHRYX VETULUS	802299
			ACCLIMATION	
			CENTRARCHIDAE	
			MICROPTERUS SALMOIDES	802840
DEEP SCATTERING LAYER			GROWTH	
MELAMPHEIDAE	802296		ESOCIDAE	
PLEURONECTIDAE			ESOX LUCIUS	800966
ATHERESTHES STOMIAS	802296		LETHAL ENVIRONMENTAL LIMITS	
SCORPAENIDAE			ATHERINIDAE	
SEBASTODES	802296		LABIDESTHES SICCULUS	802733
SEBASTODES ALUTUS	802296		CYPRINODONTIDAE	
ARGENTINIDAE	802296		FUNDULUS DIAPHANUS	802612
MYCTOPHIDAE	802060		FUNDULUS HETEROCLITUS	802612
	802296		DESCRIPTION AND OCCURRENCE	
	CERATOSCOPELUS MADERENSIS	803262	ACIPENSEROMORPHA	802486
	DIAPHUS DUMERII	800961	GASTEROSTEIDAE	
CHAULIODONTIDAE			CULAEA INCONSTANS	801876
CHAULIODUS MACOUNI	802296		PUNGITIUS PUNGITIUS	801876
MELANOSTOMIATIDAE			CARANGIDAE	
TACTOSTOMA MACROPUS	802296		DECAPTERUS MARUADSI	802819
			CENTRARCHIDAE	802748
			LUTJANIDAE	
			LUTJANUS ERYTHROPTERUS	802819
LIVING SPACE			MULLIDAE	
EXPERIMENTAL ANALYSIS			UPENEUS MOLUCCENSIS	802819
CATOSTOMIDAE			UPENEUS SULPHUREUS	802819
ERIMYZON TENUIS	802638		NEMIPTERIDAE	802819
EFFECT ON FISH			PERCIDAE	
EGG			PERCA FLUVIATILIS	803202
SALMONIDAE			STIZOSTEDION LUCIOPERCA	802811
SALMO TRUTTA	801955			803074
			POMADASYIDAE	
			POMADASYUS HASTA	802819
			PRIACANTHIDAE	
			PRIACANTHUS MACRACANTHUS	802819
			PRIACANTHUS TAYENUS	802819
TEMPERATURE			SERRANIDAE	
INHERITANCE			MORONE LABRAX	801570
EFFECT ON FISH			SPARIDAE	
CICHLIDAE			ARGYROPS SPINIFER	802819
TILAPIA NILOTICA X			SCOMBRIDAE	
TILAPIA MOSSAMBICA X	800050		AUXIS THAZARD	802819
LETHAL ENVIRONMENTAL LIMITS			EUTHYNNUS AFFINIS	800336
CARANGIDAE			EUTHYNNUS PELAMIS	800336
TRACHINOTUS CAROLINUS	803178			803388
CYPRINIDAE			THUNNUS	800507
CARASSIUS AURATUS	800951		THUNNUS ALALUNGA	800339
ICTALURIDAE				801610
ICTALURUS CATUS	802982			802963
GENERAL EMBRYOLOGY			THUNNUS ALBACARES	800339
GADIDAE				803359
MELANOGRAMMUS AEGLEFINUS	802922		THUNNUS OBESUS	800339
EGG			THUNNUS THYNNUS	800339

	801610	CYPRINIDAE		ENVIRONMENTAL FACTORS
	801799	CIRRHINA REBA	802157	(CONTINUED)
COTTIDAE		GUT MUSCLES		
COTTUS GOBIO	801756	CYPRINIDAE		
CYPRINODONTIDAE	802504	TINCA TINCA	801166	
POECILIIDAE		LETHAL ENVIRONMENTAL LIMITS		
POECILIA RETICULATA	803305	COTTIDAE		
CLUPEIDAE		MYOXOCEPHALUS QUADRICORNIS	803078	
ALOSA SAPIDISSIMA	803373	YOUNG		
SARDINELLA JUSSIEU	802819	CLUPEIDAE		
SARDINOPS CAERULEA	802966	BREVOORTIA TYRANNUS	802765	
ENGRAULIDAE		SWIMMING		
ENGRAULIS ENCRASICOLUS	803040	CENTRARCHIDAE		
CONGRIDAE		MICROPTERUS DOLOMIEUI	802752	
GNATHOPHIS CAPENSIS	801282	BIOCHEMISTRY		
CYPRINIDAE	801756	ANGUILLIDAE		
ABRAMIS BRAMA	801893	ANGUILLA ANGUILLA	802687	
BARBUS BARBUS	801756	CYPRINIDAE		
CHONDROSTOMA NASUS	801756	LEUCISCUS IDUS	802687	
	802947	EFFECT ON FISH	801032	
CYPRINUS CARPIO	801534	TELEOSTEI	801501	
	801538	MASTACEMBELIDAE		
IDUS IDUS	803202	MACROGNATHUS ACULEATUM	800554	
LEUCISCUS CEPHALUS	802947	CENTRARCHIDAE	800643	
LEUCISCUS LEUCISCUS	803202	LEPOMIS MACROCHIRUS	800138	
PHOXINUS PHOXINUS	801756	LEPOMIS GIBBOSUS	800138	
PIMEPHALES PROMELAS	802702	CICHLIDAE	800057	
TINCA TINCA	802483	TILAPIA ZILLII	800055	
BAGRIDAE		TILAPIA MOSSAMBICA	800055	
MYSTUS TENGARA	802957		800297	
GADIDAE		TILAPIA NILOTICA	800055	
LOTA LOTA	802495	TILAPIA MACROCHIR	800055	
THERAGRA CHALCOGRAMMUS	803185	TILAPIA MELANOPEURA	800055	
TRISOPTERUS LUSCUS	803040	CYPRINODONTIDAE		
MERLUCCIIDAE		FUNDULUS HETEROCLITUS	801075	
MERLUCCIIUS PRODUCTUS	803494	CYPRINIDAE		
PARALEPIDIDAE		CARASSIUS AURATUS	800296	
PARALEPIS RISSOI	803040	CYPRINUS CARPIO	800056	
SYNODONTIDAE		SALMONIDAE		
SAURIDA TUMBIL	802819	SALVELINUS FONTINALIS	800186	
SALMONIDAE		THYMALLUS ARCTICUS	800768	
SALMO GAIRDNERII	800344	MERISTICS		
	802697	CYPRINIDAE		
	802748	CYPRINUS CARPIO	802479	
SALMO TRUTTA	801756	OSMERIDAE		
	802947	MALLOTUS VILLOSUS	801120	
SEX INHERITANCE			801122	
CRITICAL PERIOD		OXYGEN CONSUMPTION		
CYPRINODONTIDAE		HIODONTIDAE		
RIVULUS MARMORATUS	802273	HIODON ALOSOIDES	802600	
LAKES	802550	OXIDATIVE METABOLISM		
LETHAL ENVIRONMENTAL LIMITS		ICTALURIDAE		
GOBIIDAE		ICTALURUS NEBULOSUS	801506	
PERIOPHTHALMUS SOBRINUS	802217	SEASONAL CHANGES		
FEEDING		SPARIDAE		
LUTJANIDAE		LAGODON RHOMBOIDES	801765	
LUTJANUS BOHAR	803086	GLUCOSE CONTENT		
MIGRATIONS		BATRACHOIDIFORMES		
SALMONIDAE		OPSANUS TAU	802979	
SALMO SALAR	801480	ENZYMOLGY		
REPRODUCTION		RAJIDAE		
MYCTOPHIDAE	802060	RAJA CLAVATA	801086	
FISHERY STATISTICS		SCYLIORHINIDAE		
SCOMBRIDAE		SCYLIORHINUS CANICULUS	801086	
THUNNUS ALALUNGA	801849	SPARIDAE		
ARTIFICIAL BREEDING ENVIRONMENTS		PAGELLUS CENTRODONTUS	801086	
ARTIFICIAL REARING ENVIRONMENTS		SCOPHTHALMIDAE		
CYPRINIDAE		SCOPHTHALMUS MAXIMUS	801086	
ABRAMIS BRAMA	803497	CYPRINIDAE		
EFFECT ON FISH		CARASSIUS AURATUS	801301	
GASTEROSTEIDAE		BATRACHOIDIFORMES		
PUNGITIUS PUNGITIUS	802114	OPSANUS TAU	800927	
CLUPEIDAE		INTERMEDIARY METABOLISM		
CLUPEA HARENGUS	801004	DIPNOI		
MEGALOPIDAE		LEPIDOSIREN PARADOXA	800561	
MEGALOPS ATLANTICA	800417	NOTOTHENIIDAE		
GENERAL EMBRYOLOGY		TREMATOMUS BERNACCHII	801748	
GALAXIIDAE		SYNBRANCHIDAE		
GALAXIAS MACULATUS	801963	SYNBRANCHUS MARMORATUS	800561	
MIGRATIONS		ELECTROPHORIDAE		
GADIDAE		ELECTROPHORUS ELECTRICUS	800561	
GADUS MACROCEPHALUS	801100	SALMONIDAE		
THERAGRA CHALCOGRAMMUS	801100	SALMO GAIRDNERII	801748	
SPAWNING		OXIDATIVE METABOLISM		
CLUPEIDAE		CYPRINIDAE		
CLUPEA HARENGUS	801481	CARASSIUS AURATUS	802472	
ADAPTATION		SALMONIDAE		
CICHLIDAE	802754	SALMO GAIRDNERII	802472	
ACCLIMATION		NITROGEN METABOLISM		
NOTOTHENIIDAE		CYPRINIDAE		
TREMATOMUS BERNACCHII	800576	CARASSIUS AURATUS	801510	
ACCLIMATION		ICTALURIDAE		
TELEOSTEI	801362	ICTALURUS PUNCTATUS	801510	
CENTRARCHIDAE		SALMONIDAE		
LEPOMIS MACROCHIRUS	800382	SALMO GAIRDNERII	801510	
CICHLIDAE		ION AND WATER RELATIONSHIPS		
TILAPIA SPARRMANI	800692	CYPRINIDAE		
TILAPIA MOSSAMBICA	800692	CYPRINUS CARPIO	803108	
CYPRINIDAE		SALMONIDAE		
CARASSIUS AURATUS	800296	ONCORHYNCHUS KISUTCH	803143	
CYPRINUS CARPIO	800908	SALMO GAIRDNERII	800298	
SALMONIDAE		LARVA		
SALMO GAIRDNERII	800570	PETROMYZONTOMORPHA		
OXYGEN CONSUMPTION		LAMPETRA PLANERI	803094	
CICHLIDAE		PERMEABILITY		
ETROPLUS MACULATUS	802157	SKIN		
		CYPRINIDAE		



CYPRINUS CARPIO	803478	ARGENTINA SILUS	801124
LEUCASPIUS DELINEATUS	803478	ORIENTATION TO FLOATING OBJECTS	
SKIN		CICHLIDAE	
PERMEABILITY		TILAPIA NILOTICA	800269
COBITIDAE		FEEDING	
MISGURNUS FOSSILIS	803477	CENTRARCHIDAE	
CYPRINIDAE		AMBLOPLITES RUPESTRIS	802425
CYPRINUS CARPIO	803477	LEPOMIS GIBBOSUS	802425
SILURIDAE		PLEURONECTIDAE	
SILURUS GLANIS	803477	LIOPSETTA OBSCURA	802893
ESOCIDAE		COTTIDAE	
ESOX LUCIUS	803477	GYMNOCANTHUS HERZENSTEINI	802893
SCALES		CYPRINODONTIDAE	
SALMONIDAE		FUNDULUS DIAPHANUS	802425
COREGONUS CLUPEAFORMIS	802564	ICTALURIDAE	
COREGONUS HOVI	802564	ICTALURUS NEBULOSUS	802425
COREGONUS HOVI X		UMBRIDAE	
COREGONUS CLUPEAFORMIS X	802564	UMBRA LIMI	802425
COREGONUS KIYI	802564	LARVA	
AXIAL SKELETAL MUSCLES		CYPRINIDAE	
SCORPAENIDAE		ABRAMIS BRAMA	803497
SEBASTES MARINUS	800252	AVOIDANCE RESPONSES	
SEBASTES MENTELLA	800252	SYNGNATHIDAE	
BRAIN		HIPPOCAMPUS ERECTUS	802995
LIPID AND FATTY ACID CONTENT		SYNGNATHUS FUSCUS	802995
CYPRINIDAE		SOUND PRODUCTION	
CARASSIUS AURATUS	803134	ARIIDAE	
LATERAL LINE PORES AND CANALS		GALEICHTHYS FELIS	803295
SALMONIDAE		BATRACHOIDIFORMES	
SALVELINUS FONTINALIS	802605	OPSANUS BETA	803295
VISUAL SENSITIVITY AND ACUITY		REPRODUCTION	
CYPRINIDAE		PERCIDAE	
CARASSIUS AURATUS	801384	ETHEOSTOMA SPECTABILE	801280
HEART		CLUPEIDAE	
MYXINOMORPHA		SARDINOPS CAERULEA	802823
MYXINE GLUTINOSA	803026	SALMONIDAE	
SEMIONOTOMORPHA		ONCORHYNCHUS TSHAWYTSCHA	800081
LEPISOSTEUS OSSEUS	803026	SALMO GAIRDNERII	800081
HEXAGRAMMIDAE		EGG LAYING	
OPHIODON ELONGATUS	803004	CYPRINIDAE	
TRIGLIDAE		RUTILUS RUTILUS	802030
PRIONOTUS CAROLINUS	802185	FERTILIZATION	
SALMONIDAE		CYPRINIDAE	
SALVELINUS FONTINALIS	803026	CIRRHINA REBA	803490
IMMUNOLOGICAL REACTIONS		AVOIDANCE CONDITIONING	
CICHLIDAE		CONDITIONED AUTONOMIC RESPONSES	
PTEROPHYLLUM SCALARE	802528	CYPRINIDAE	
GASTRIC DIGESTION		CARASSIUS AURATUS	803447
ELASMOBRANCHII	802241	INSTRUMENTAL CONDITIONING	
TELEOSTEI	802241	CYPRINIDAE	
OVARIAN CYCLES		CARASSIUS AURATUS	803448
TESTICULAR CYCLES		BIOCHEMISTRY	
EMBIOTOCIDAE		DIPNOI	
CYMATOGASTER AGGREGATA	801258	LEPIDOSIREN PARADOXA	801620
SPERMATOGENESIS		DESCRIPTIVE EVOLUTION	
POECILIIDAE		TELEOSTEI	801646
POECILIA RETICULATA	803051	DESCRIPTION AND OCCURRENCE	
GENERAL EMBRYOLOGY		TELEOSTEI	802131
LABRIDAE		ACCLIMATION	
SYMPHODUS CINEREUS	801639	SWIMMING ENDURANCE	
PLEURONECTIDAE		CYPRINIDAE	
HIPPOGLOSSOIDES ELASSODON	801751	CARASSIUS AURATUS	801589
CYPRINIDAE		CARASSIUS CARASSIUS	801589
VIMBA VIMBA	802804	ADAPTATION	802658
GALAXIIDAE		ACCLIMATION	
GALAXIAS MACULATUS	801959	CYPRINIDAE	
SALMONIDAE		CARASSIUS AURATUS	800380
SALMO TRUTTA	802169	ICTALURIDAE	
LETHAL ENVIRONMENTAL LIMITS		ICTALURUS NATALIS	800380
CYPRINIDAE		ATP ASE	
BRACHYDANIO RERIO	802943	ACCLIMATION	
EGG		CYPRINIDAE	
ION AND WATER RELATIONSHIPS		CARASSIUS AURATUS	800287
SALMONIDAE		COBALT	
SALMO GAIRDNERII	801964	LETHAL ENVIRONMENTAL LIMITS	
SPERM		SALMONIDAE	
ARTIFICIAL FERTILIZATION		SALMO GAIRDNERII	802829
SALMONIDAE		EFFECT ON FISH	
ONCORHYNCHUS NERKA	802606	TELEOSTEI	800139
ONCORHYNCHUS GORBUSCHA	802606	TETANUS TOXIN	
LARVA		EFFECT ON FISH	
SOLEIDAE		LETHAL ENVIRONMENTAL LIMITS	
SOLEA SOLEA	801062	CYPRINIDAE	
DEVELOPMENT		CARASSIUS AURATUS	801406
CENTRARCHIDAE			
POMOXIS ANNULARIS	802724		
SPERM			
SALMONIDAE	801665	LIGHT	
SALMO SALAR	802430	PROTEIN SYNTHESIS	
LARVA		EYE	
OSMERIDAE		CARCHARHINIDAE	
MALLOTUS VILLOSUS	801119	MUSTELUS CANIS	802187
YOUNG		EXPERIMENTAL ANALYSIS	
SALMONIDAE		STRUCTURAL COLORS	
SALMO TRUTTA	803180	SALMONIDAE	
RATE OF GROWTH		SALMO SALAR	802549
SALMONIDAE		RETINA	
SALMO TRUTTA	802169	CENTRARCHIDAE	
DISTRIBUTION		LEPOMIS MACROCHIRUS	802382
SCOMBRIDAE		ACTIVITY PATTERNS	
THUNNUS	801830	SALMONIDAE	
CLUPEIDAE		SALMO TRUTTA	802428
CLUPEA HARENGUS	801829	REPRODUCTIVE SEASON	
GADIDAE		CYPRINODONTIDAE	
GADUS MORHUA	801829	RIVULUS MARMORATUS	802273
ARGENTINIDAE		REPRODUCTION	

TELEOSTEI	803390	CYPRINIDAE	
DESCRIPTION AND OCCURRENCE		CARASSIUS AURATUS	801413
ECLIPSE		MATING	
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MALTHOPSIS	801654
OPISTHOPTERIDAE	
OPISTHOPTERUS SOLEATUS	801654
CHLOROPHTHALMIDAE	
CHLOROPHTHALMUS	801654
GONOSTOMATIDAE	
CYCLOTHONE	801654
STERNOPTERYCHIDAE	
POLYIPNUS	801654
STERNOPTYX DIAPHANA	801654
STOMACH	
SCYLORHINIDAE	
SCYLORHINUS CANICULUS	801814
AS PARASITE	
BIOCHEMISTRY	
SALMONIDAE	
SALMO GAIRDNERII	802951
<b>ALGAE</b>	
POISONS LIBERATED INTO WATER	
TELEOSTEI	802090
	802091
DESCRIPTION AND OCCURRENCE	
CYPRINIDAE	802660
EFFECT ON FISH	
OXYGEN	
TELEOSTEI	802104
POISONS LIBERATED INTO WATER	
TELEOSTEI	802034
AS FOOD FOR FISH	
ACANTHURIDAE	801351
	803086
HELOSTOMATIDAE	
HELOSTOMA TEMMINCKII	802278
OSPHRONEMIDAE	
OSPHRONEMUS OLFA	802278
GOBIIDAE	
BOLEOPHTHALMUS	803213
BOLEOPHTHALMUS BODDAERTI	803097
GLOSSOGOBUS GIURUS	801946
NEOGOBUS FLUVIATILIS	803196
NEOGOBUS MELANOSTOMUS	803196
SCARTELAOS VIRIDIS	803097
MUGILOIDEI	
MUGIL	802278
CHAETODONTIDAE	801346

CICHLIDAE	
TILAPIA	802278
TILAPIA MOSSAMBICA	802778
	803167
PERCIDAE	
ACERINA CERNUA	802489
PERCA FLUVIATILIS	802489
STIZOSTEDION LUCIOPERCA	802489
POMACENTRIDAE	
MICROSPATHODON CHRYSURUS	801052
CLUPEIDAE	
ALOSA PSEUDOHARENGUS	802903
CYPRINIDAE	802425
ABRAMIS BRAMA	802046
	802447
CATLA CATLA	802278
CHROSOMUS ERYTHROGASTER	802066
CTENOPHARYNGODON IDELLA	802043
HYPOPHthalmichthys MOLITRIX	801472
	802278
LABEO	802278
OSTEOCHILUS HASSELTII	802278
TOR TOR	803428
VARICORHINUS CAPOETA	802046
PANGASIIDAE	
PANGASius	802278
PANGASIANODON GIGAS	802278
CHANIDAE	
CHANOS CHANOS	802278
AS COMMENSAL	
CYPRINIDAE	
HYBOPSIS	800783
<b>SEAWEEDES</b>	
DESCRIPTION AND OCCURRENCE	
CARANGIDAE	
SERIOLA QUINQUERADIATA	801582
AS FOOD FOR FISH	
ACANTHURIDAE	801351
COTTIDAE	
ENOPHRYS BISON	802398
<b>FUNGI</b>	
EFFECT ON FISH	
EGG	
FRY	
BELONTIIDAE	801629
AS PARASITE	
DISTRIBUTION	800216
<b>VASCULAR PLANTS</b>	
AVAILABILITY AND USE OF FOOD	
REJECTION AS FOOD	
CYPRINIDAE	
CTENOPHARYNGODON IDELLA	801328
DESCRIPTION AND OCCURRENCE	
TELEOSTEI	801498
EFFECT ON FISH	
PERCIDAE	
STIZOSTEDION LUCIOPERCA	800251
CYPRINIDAE	
RUTILUS RUTILUS	800251
CLARIIDAE	
CLARIAS MOSSAMBICUS	800245
CLARIAS MELLANDI	800245
AS FOOD FOR FISH	
DISTICHODONTIDAE	
DISTICHODUS NILOTICUS	802488
	803166
	802488
	803166
DISTICHODUS ROSTRATUS	
CYPRINIDAE	
BARBUS CAPITO	802046
CTENOPHARYNGODON IDELLA	802278
CYPRINUS CARPIO	802046
PUNTIOUS GONIONOTUS	802278
TOR TOR	803428
MORMYRIDAE	802659
AS PREDATOR	
TELEOSTEI	801446
<b>PROTOZOA</b>	
AS FOOD FOR FISH	
COBITIDAE	
ICHTHYOPHTHIRIOPHAGUS APRILIOS	800190
AS COMMENSAL	
CYPRINIDAE	
HYBOPSIS	800783
<b>MASTIGOPHORA</b>	
INCIDENCE OF INFECTION	
MACROURIDAE	

ENVIRONMENTAL FACTORS  
(CONTINUED)



ENVIRONMENTAL FACTORS  
(CONTINUED)

CORYPHAENOIDES ACROLEPIS	800955
BATHYLAGIDAE	
BATHYLAGUS STILBIUS	800955
INTENSITY OF INFECTION	
CYPRINODONTIDAE	801797
HOST SPECIFICITY	
CYPRINODONTIDAE	
FUNDULUS LUCIAE	802989
PARASITE LIFE HISTORY	
MACROURIDAE	
CORYPHAENOIDES ACROLEPIS	800955
BATHYLAGIDAE	
BATHYLAGUS STILBIUS	800955
PARASITE SYSTEMATICS	
MACROURIDAE	
CORYPHAENOIDES ACROLEPIS	800955
BATHYLAGIDAE	
BATHYLAGUS STILBIUS	800955
AS FOOD FOR FISH	
MUGILOIDEI	
MUGIL CEPHALUS	800894
MUGIL CUREMA	800894
AS PARASITE	
CYPRINIDAE	800544
SYNODONTIDAE	
SYNODUS FOETENS	800582

CILIATA

DISTRIBUTION OF INFECTION	
CYPRINIDAE	
CYPRINUS CARPIO	803334
INCIDENCE OF INFECTION	
CICHLIDAE	801816
PLEURONECTIDAE	
PLEURONECTES PLATESSA	801432
CLUPEIDAE	801816
CYPRINIDAE	801816
SCHILBEIDAE	801816
HOST PARASITE INTERACTIONS	
PERCIDAE	
PERCA FLUVIATILIS	802159
STIZOSTEDION LUCIOPERCA	802159
CYPRINIDAE	802159
ESOCIDAE	
ESOX LUCIUS	802159
SEASONAL CHANGES	
CYPRINIDAE	
CYPRINUS CARPIO	802160
PARASITE SYSTEMATICS	
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	802161
PUNGITIUS PUNGITIUS	802161
PERCIDAE	
PERCA FLUVIATILIS	802161
STIZOSTEDION LUCIOPERCA	802161
COBITIDAE	
COBITIS TAENIA	802161
CYPRINIDAE	802161
GADIDAE	
LOTA LOTA	802161
ESOCIDAE	
ESOX LUCIUS	802161
SALMONIDAE	
COREGONUS ALBULA	802161
HOST PARASITE INTERACTIONS	
TELEOSTEI	801466
PARASITES SHARED WITH MAN	
TELEOSTEI	801490
AS PARASITE	
TELEOSTEI	801333
GOBIIDAE	
PERCOTTUS GLEHNI	800356
COBITIDAE	
MISGURNUS FOSSILIS	800356
CYPRINIDAE	800356
BAGRIDAE	
LEIOCASSIS USSURIENSIS	800356
PSEUDOBAGRUS FULVIDRACO	800356
SILURIDAE	
PARASILURUS ASOTUS	800356
GADIDAE	
LOTA LOTA	800356
ESOCIDAE	
ESOX REICHERTI	800356
SALMONIDAE	
BRACHYMYSTAX LENOK	800356

SPOROZOA

TELEOSTEI	802158
DISTRIBUTION OF INFECTION	
CYPRINIDAE	
CYPRINUS CARPIO	803334
INCIDENCE OF INFECTION	
HOST PARASITE INTERACTIONS	
CYPRINIDAE	802148
INTENSITY OF INFECTION	
EIMERIA	
INCIDENCE OF INFECTION	
CYPRINIDAE	
CYPRINUS CARPIO	801389
HOST PARASITE INTERACTIONS	

RAJIDAE	
RAJA RADIATA	800684
INCIDENCE OF INFECTION	
ICTALURIDAE	
ICTALURUS PUNCTATUS	801699
PARASITE SYSTEMATICS	
CYPRINIDAE	
LABEO FIMBRIATUS	801866
MACROURIDAE	
COELORHYNCHUS AUSTRALIS	802654
OPHIIDAE	
GENYPTERUS BLACODES	802654
AS PARASITE	
PERCIDAE	800544
CYPRINIDAE	800544
ESOCIDAE	800544

MICROSPORIDIA

HOST PARASITE INTERACTIONS	
NEUROHYPOPHYSIS	
ACIPENSEROMORPHA	
POLYODON SPATHULA	802123
FREQUENCY OF INFECTION	
OSMERIDAE	
MALLOTUS VILLOSUS	801122

MYXOSPORIDIA

INCIDENCE OF INFECTION	
CICHLIDAE	801816
CITHARINIDAE	
CITHARINUS CITHARUS	801816
DISTICHODONTIDAE	
DISTICHODUS ROSTRATUS	801816
HEPSETIDAE	801816
CYPRINIDAE	801816
MOCHOKIDAE	801816
PARASITE LIFE HISTORY	
HOST PARASITE INTERACTIONS	
SALMONIDAE	
SALMO GAIRDNERII	802865
PARASITE SYSTEMATICS	
SALMONIDAE	
SALMO SALAR	801526

PORIFERA

AS FOOD FOR FISH	
CHAETODONTIDAE	801346
HOLACANTHUS ISABELITA	800581
HOLACANTHUS TRICOLOR	801461
HOLACANTHUS CILIARIS	800581
	801461
POMACANTHUS ARCUATUS	801461
POMACANTHUS PARU	801461
EPHIPPIDAE	
CHAETODIPTERUS FABER	801461
BALISTIDAE	
CANTHERINES MACROCERUS	801461
CANTHERINES PULLUS	801461
OSTRACIONTIDAE	
ACANTHOSTRACION POLYGONIUS	801461
ACANTHOSTRACION QUADRICORNIS	801461
LACTOPHYRUS TRIQUETER	801461
TETRAODONTIDAE	
CANTHIGASTER ROSTRATA	801461
AS SHELTER FOR FISH	
GOBIIDAE	
EVERMANNICHTHYS METZELAARI	801949
GINSBURGELLUS NOVEMLINEATUS	801920
GOBIOSOMA CHANCEI	801920
GOBIOSOMA XANTHIPRORA	801920
GOBIOSOMA HORSTI	801920
NES LONGUS	801920
RISOR RUBER	801949
APOGONIDAE	
APOGON XENUS	801921
	801949
XENOCONGRIDAE	
KAUPICHTHYS NUCHALIS	801949

COELENTERATA

AS FOOD FOR FISH	
POMACENTRIDAE	
MICROSPATHODON CHRYSURUS	801052
LUVARIDAE	
LUVARUS IMPERIALIS	801858
TETRAGONURIDAE	
TETRAGONURUS CUVIERI	801858
COTTIDAE	
ENOPHRYS BISON	802398
AS SHELTER FOR FISH	
CENTROLOPHIDAE	
ICHTHYS LOCKINGTONI	801858
AS SHELTER FOR FISH	
CLINIDAE	
PARACLINUS GRANDICOMIS	801949

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ENVIRONMENTAL FACTORS  
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SCARUS FASCIATUS	800323	CHIMAERA MONSTROSA	802177
MUGILOIDEI		PARASITE LIFE HISTORY	
MUGIL MACROLEPIS	802938	CHIMAEROMORPHA	
NOTOTHEIIDAE	801531	CHIMAERA MONSTROSA	802177
CARANGIDAE		HOST PARASITE INTERACTIONS	
MINOUS MONODACTYLUS	802540	PARASITE LIFE HISTORY	
TRACHINOTUS PALOMETA	803137	CHIMAEROMORPHA	
CENTRARCHIDAE		HYDROLAGUS AFFINIS	802576
ENNEACANTHUS GLoriosus	800589	AS PARASITE	
LEPOMIS MACROCHIRUS	803016	CYPRINIDAE	
CICHLIDAE	801207	CYPRINUS CARPIO	800305
HEMICHROMIS BIMACULATUS	800656	INCIDENCE OF INFECTION	
HEMICHROMIS FASCIATUS	800656	GOBIIDAE	
FORMIONIDAE		GILLICHTHYS MIRABILIS	800156
PARASTROMATEUS	802938	INTENSITY OF INFECTION	
LETHRINIDAE		GOBIIDAE	
LETHRINUS CHRYSOSTOMUS	800323	GILLICHTHYS MIRABILIS	800156
LUTJANIDAE	800323	PARASITE SYSTEMATICS	
LUTJANUS COLORADO	801054	CYPRINIDAE	
POMADASYIDAE		NOTEMIGONUS CRYSOLEUCAS	800345
PLECTORHYNCHUS PICTUS	800323	TREATMENT OF DISEASE	
PRIACANTHIDAE		CYPRINIDAE	
PRIACANTHUS	801808	CYPRINUS CARPIO	802099
SCIAENIDAE			
JOHNIUS UMBRA	802027		
PSEUDOSCIAENA DIACANTHUS	802938		
	802939		
SCIAENA CIRROSA	802027		
SCIAENA CANARIENSIS	802027		
SERRANIDAE	800323		
EPINEPHELUS GUAZA	802027		
MORONE LABRAX	802027		
POLYNEMOIDEI			
POLYDACTYLUS INDICUS	802938		
ISTIOPHORIDAE			
ISTIOPHORUS GREYI	801867		
SCOMBRIDAE			
CYBIUM GUTTATUM	802938		
EUTHYNNUS AFFINIS	802895		
RASTRELLIGER KANAGURTA	802895		
	802938		
SCOMBEROMORUS COMMERSONI	801523		
STROMATEIDAE			
STROMATEUS ARGENTUS	802938		
STROMATEUS CHINENSIS	802938		
PLATYCEPHALOIDEI	801011		
TETRAODONTIDAE			
TETRAODON HISPIDUS	800323		
TRIACANTHIDAE			
TRIACANTHUS FALCANALIS	800323		
ATHERINIDAE			
MENIDIA BERYLLINA	800589		
CYPRINODONTIDAE			
APLOCHEILICHTHYS GAMBIANUS	801207		
EPIPLATYS FASCIATUS	801207		
BELONIDAE			
TYLOSURUS MACLEAYANUS	801011		
EXOCEOTIDAE			
HEMIRAMPHUS	801523		
ENGRAULIDAE			
ENGRAULIS MYSTAX	802539		
	802938		
CHARACIDAE			
ALESTES NURSE	801989		
ASTYANAX FASCIATUS	803275		
MICRALESTES	801207		
CATOSTOMIDAE			
CATOSTOMUS OCCIDENTALIS	800584		
HYPENTELIUM ETOWANUM	800589		
MOXOSTOMA CERVINUM	800589		
COBITIDAE			
COBITIS TAENIA	803129		
CYPRINIDAE	800433		
BARBUS	801023		
BARBUS BUBLINEATUS	801207		
BARBUS ALTIANALIS	801989		
BARBUS TRISPINOPELURA	801207		
CAMPOSTOMA ANOMALUM	800584		
CHROSOMUS ERYTHROGASTER	800589		
CYPRINUS CARPIO	800584		
	800589		
	800737		
	800739		
LABEO RUDII	802590		
NOCOMIS LEPTOCEPHALUS	800589		
NOTROPIS ALBEOLUS	800589		
NOTROPIS SHUMARDI	800589		
NOTROPIS AMOENUS	800584		
SILURIFORMES	802938		
BAGRIDAE			
BAGRUS DOMAC	801989		
CLARIIDAE			
CLARIAS MOSSAMBICUS	801989		
ICTALURIDAE			
ICTALURUS NEBULOSUS	800584		
	800589		
MOCHOKIDAE			
SYNODONTIS VICTORIAE	801989		
PLOTOSIDAE			
TANDANUS TANDANUS	801011		
SCHILBEIDAE			
SCHILBE MYSTUS	801989		
SYNODONTIDAE			
SAURIDA TUMBIL	802938		
INCIDENCE OF INFECTION			
INTENSITY OF INFECTION			
CHIMAEROMORPHA			
		DIGENEA	
		SALINITY	
		SYNODONTIDAE	
		SYNODUS FOETENS	800582
		SEASONAL ABUNDANCE	
		SYNODONTIDAE	
		SYNODUS FOETENS	800582
		DISTRIBUTION OF INFECTION	
		CYPRINIDAE	
		CYPRINUS CARPIO	803334
		INCIDENCE OF INFECTION	
		BERYCIDAE	
		BERYX SPLENDENS	800826
		TRACHICHTHYIDAE	
		GEPHYROBERYX JAPONICUS	800826
		GOBIIDAE	
		NEOGOBIOUS FLUVIATILIS	801416
		CARANGIDAE	
		CHLOROSCOMBRUS CHRYSURUS	800653
		TRACHURUS JAPONICUS	800826
		CICHLIDAE	
		HEMICHROMIS FASCIATUS	800653
		EPHIPPIDAE	
		DREPANE PUNCTATA	800653
		PERCIDAE	801416
		POMADASYIDAE	
		BRACHYDEUTERUS AURITUS	800653
		PARAPRISTIPOMA TRILINEATUM	800826
		POMADASY JUBELINI	800653
		SCIAENIDAE	
		UMBRINA CIRROSA	800653
		SERRANIDAE	
		EPINEPHELUS MERRA	800956
		SCOMBRIDAE	
		AUXIS TAPEINOSOMA	800826
		STROMATEIDAE	
		PSENOPSIS ANOMALA	800826
		ATHERINIDAE	
		ATHERINA MOCHON	801416
		CYPRINODONTIDAE	
		EPIPLATYS SENEGALENSIS	800653
		CLUPEIDAE	
		ALOSA CASPIA	801416
		CLUPEONELLA DELICATULA	801416
		CYPRINIDAE	801416
		CLARIIDAE	
		HETEROBRANCHUS LONGIFILIS	800653
		SILURIDAE	
		SILURUS GLANIS	801416
		BATHYLAGIDAE	
		BATHYLAGUS STILBIUS	800955
		SYNODONTIDAE	
		SYNODUS FOETENS	800582
		INTENSITY OF INFECTION	
		GASTEROSTEIDAE	
		GASTEROSTEUS ACULEATUS	803125
		PLECOGLOSSIDAE	
		PLECOGLOSSUS ALTIVELIS	802360
		HOST PARASITE INTERACTIONS	
		AMOMORPHA	
		AMIA CALVA	801409
		CENTRARCHIDAE	
		MICROPTERUS SALMOIDES	801409
		POMOXIS ANNULARIS	801409
		PERCIDAE	
		STIZOSTEDION CANADENSE	801409
		SERRANIDAE	
		MORONE CHRYSOPS	801409
		ICTALURIDAE	801409
		ESOCIDAE	
		ESOX LUCIUS	802525
		HOST PARASITE INTERACTIONS	
		CYPRINIDAE	
		PHOXINUS PHOXINUS	801527
		PROPHYLACTIC TREATMENT	
		SALMONIDAE	
		ONCORHYNCHUS TSHAWYTSCHA	802634
		PARASITE SYSTEMATICS	
		TETRAODONTIDAE	
		TETRAODON IMMACULATUS	801183



TETRAODON VIRIDIPUNCTATUS	801182	LETHRINUS GLYPHODON	800654	ENVIRONMENTAL FACTORS (CONTINUED)
INTENSITY OF INFECTION		LUTJANIDAE	800654	
TRACHICHTHYIDAE		LUTJANUS VITTA	800956	
GEPHYROBERYX JAPONICUS	800826	LUTJANUS MALTZANI	800658	
POMADASYIDAE		LUTJANUS GUINEENSIS	800653	
PLECTORHYNCHUS	800956	LUTJANUS VAIGIENSIS	800654	
SERRANIDAE	800956	LUTJANUS FLUVIFLAMMA	800956	
SCOMBRIDAE		LUTJANUS AMABILIS	800956	
AUXIS TAPEINOSOMA	800826	LUTJANUS MODESTUS	800658	
STROMATEIDAE		PERCIDAE		
PSENOOPSIS ANOMALA	800826	ETHEOSTOMA NIGRUM	800585	
CYPRINODONTIDAE		PERCA FLUVIATILIS	801260	
EPIPLATYS SENEGALENSIS	800653	PERCA FLAVESCENS	800585	
CLARIIDAE		POMADASYIDAE		
HETEROBANCHUS LONGIFILIS	800653	BRACHYDEUTERUS AURITUS	800653	
SYNODONTIDAE			800658	
SYNODUS FOETENS	800582	PLECTORHYNCHUS	800654	
PARASITE LIFE HISTORY			800956	
TELEOSTEI	800593	PLECTORHYNCHUS GOLDMANI	800956	
	800875	PLECTORHYNCHUS PICTUS	800654	
BLENNIIDAE		POMADASYUS JUBELINI	800653	
SALARIAS MELEAGRIS	801525		800658	
Gobiidae		SCIAENIDAE		
NEOGOBIOUS FLUVIATILIS	801809	CYNOSCION MACROGNATHUS	800653	
NEOGOBIOUS KESSLERI	801809		800658	
LABRIDAE		LARIMUS PELI	800658	
CORIS JULIS	801626	SCIAENA RUSSELLI	801762	
CRENILABRUS PAVO	801626	UMBRINA CIRROSA	800653	
MUGILOIDEI	801525	SERRANIDAE	800654	
CENTRARCHIDAE			800956	
MICROPTERUS DOLOMIEUI	803030	EPINEPHELUS	800654	
PERCIDAE			800956	
PERCA FLAVESCENS	800875	EPINEPHELUS AENEUS	800658	
CYPRINODONTIDAE		EPINEPHELUS GORENIS	800658	
PANCHAX PANCHAX	802925	EPINEPHELUS MERRA	800956	
POECILIIDAE		MORONE SAXATILIS	802876	
POECILIA RETICULATA	801236	PLECTROPOMUS MACULATUS	800654	
GADIDAE			800956	
MICROGADUS TOMCOD	801255	SERRANUS LOUTI	800654	
PLECOGLOSSIDAE		SPARIDAE		
PLECOGLOSSUS ALTIVELIS	802361	PAGRUS EHRENBERGI	800653	
HOST PARASITE INTERACTIONS		THERAPONIDAE		
CYPRINODONTIDAE		THERAPON PUTA	801868	
JORDANELLA FLORIDAE	800594	SCOMBRIDAE		
POECILIIDAE		ACANTHOCYBIUM SOLANDRI	800653	
GAMBUSIA AFFINIS	800594	EUTHYNNUS ALLETTERATUS	800658	
POECILIA LATIPINNA	800594	SARDA SARDA	802932	
PARASITE SYSTEMATICS		SCOMBEROMORUS TRITOR	800658	
Gobiidae		CYNOGLOSSIDAE		
CHAENOGOBIOUS CASTANEA	801087	CYNOGLOSSUS SENEGALENSIS	800658	
CHAENOGOBIOUS UROTAENIA	801087	CYNOGLOSSUS GORENSIS	800658	
TRIDENTIGER OBSCURUS	801087	PSETTODIDAE		
HOST PARASITE INTERACTIONS		PSETTODES BELCHERI	800658	
TELEOSTEI	802091	TETRAODONTIDAE		
	802092	LAGOCEPHALUS LAEVIGATUS	800658	
INCIDENCE OF INFECTION		TETRAODON VIRIDIPUNCTATUS	801521	
CYPRINODONTIDAE			801762	
FUNDULUS HETEROCLITUS	801257	CYPRINODONTIDAE		
INTENSITY OF INFECTION		EPIPLATYS SENEGALENSIS	800653	
INCIDENCE OF INFECTION		EXOCOETIDAE		
PLEURONECTIDAE		CYPSELURUS HETERURUS	800658	
PLEURONECTES PLATESSA	801432	HEMIRAMPHUS	800654	
PARASITE SYSTEMATICS		HEMIRHAMPHUS	800654	
DASYATIDAE		ANGUILLIDAE		
PTEROPLATEA MICRURA	800658	ANGUILLA BENGALENSIS	801261	
RHINOBATIDAE		CATOSTOMIDAE		
RHINOBATOS ALBOMACULATUS	800658	CATOSTOMUS COMMERSONI	800585	
TELEOSTEI	800593	CYPRINIDAE		
CHANNIFORMES	802673	ALBURNUS ALBURNUS	801181	
GASTEROSTEIDAE		NOTROPIS CORNUTUS	800585	
PUNGITIUS PUNGITIUS	800683	PHOXINUS PHOXINUS	800683	
ACANTHURIDAE		PIMEPHALES PROMELAS	800585	
ACANTHURUS MONROVIAE	800653	SEMOTILUS ATROMACULATUS	800585	
SIGANIDAE	800654	ARIIDAE		
ANARHICHADIDAE		ARIUS SONA	801762	
ANARHICHAS LUPUS	802434	ARIUS LATISCUTATUS	800653	
LABRIDAE		ARIUS HEUDELOTI	800653	
LEPIDAPLOIS PERDITO	800956	BAGRIDAE		
SCARIDAE	800956	CHRSYCHTHYS NIGRODIGITATUS	800957	
MASTACEMBELIDAE		MYSTUS SEENGHALA	802435	
MASTACEMBELUS ARMATUS	801261	CLARIIDAE		
MASTACEMBELUS PUNCALUS	802673	HETEROBANCHUS LONGIFILIS	800653	
MUGILOIDEI	800654	ICTALURIDAE		
MUGIL CEPHALUS	800654	ICTALURUS MELAS	800585	
NOTOTHEIIDAE		ICTALURUS CATUS	802876	
DISSOSTICHUS MAWSONI	803274	LORICARIIDAE		
CARANGIDAE		PLECOSTOMUS COMMERSONI	802592	
CARANX HIPPOS	800658	SILURIDAE		
CARANX AFRICANUS	800658	WALLAGONIA ATTU	802673	
CHLOROSCOMBRUS CHRYSURUS	800653	MACROURIDAE	801457	
DECAPTERUS RHONCHUS	800653	MERLUCCIIDAE		
SCYRIS ALEXANDRINUS	800658	MERLUCCIUS MERLUCCIUS	802815	
SELAR CRUMENOPHTHALMUS	800653	ZOARCIDAE		
TRACHINOTUS GLAUCUS	800658	RHIGOPHILA DEARBORNI	803274	
TRACHINOTUS GORENSIS	800658	LOPHIIDAE		
VOMER SETAPINNIS	800658	LOPHIUS PISCATORIUS	802434	
CENTRARCHIDAE	802876		802815	
LEPOMIS MACROCHIRUS	800585	ESOCIDAE		
CICHLIDAE		ESOX LUCIUS	800585	
HEMICHROMIS FASCIATUS	800653	MYCTOPHIDAE	800654	
TILAPIA ZILLII	800653	INCIDENCE OF INFECTION		
EMBIOTOCIDAE		CHANNIFORMES		
HYSTEROCARPUS TRASKI	802876	CHANNA PUNCTATA	802514	
EPHIPPIDAE		CHANNA PUNCTATUS	802514	
DREPANE PUNCTATA	800653	CYPRINIDAE		
LETHRINIDAE	800654	PUNTIUS PHUTUNIO	802515	
	800956	BAGRIDAE	800957	

ENVIRONMENTAL FACTORS  
(CONTINUED)

CHRYSIDHYS NIGRODIGITATUS	800957	RUTILUS RUTILUS	802524
INTENSITY OF INFECTION		GADIDAE	
CHIMAEROMORPHA		LOTA LOTA	802586
CHIMAERA MONSTROSA	802717	FISH KILL	
PARASITE LIFE HISTORY		GASTEROSTEIDAE	
GASTEROSTEIDAE		GASTEROSTEUS ACULEATUS	803125
PUNGITIUS PUNGITIUS	800683	INTENSITY OF INFECTION	
POECILIIDAE		STROMATEIDAE	
POECILIA RETICULATA	801237	PSENOPTIS ANOMALA	800826
CYPRINIDAE		CATOSTOMIDAE	
PHOXINUS PHOXINUS	800683	CATOSTOMUS INSIGNIS	800655
ULTRASTRUCTURE		CATOSTOMUS CLARKI	800655
CYPRINODONTIDAE		CATOSTOMUS CLARKII	800655
CYPRINODON VARIEGATUS	800657	MINYTREMA MELANOPS	800958
EFFECT ON FISH		MOXOSTOMA ERYTHRURUM	800958
CYPRINODONTIDAE		CYPRINIDAE	800303
CYPRINODON VARIEGATUS	800657	LEUCISCUS LEUCISCUS	800592
AS PARASITE		SYNODONTIDAE	
PERCIDAE	800544	SYNODUS FOETENS	800582
CYPRINIDAE	800544	HOST PARASITE INTERACTIONS	
GADIDAE		RAJIDAE	
GADUS VIRENS	801247	RAJA NAEVUS	801529
ESOCIDAE	800544		803354
PARASITE LIFE HISTORY		TREATMENT FOR DISEASE	
CATOSTOMIDAE	800304	CYPRINIDAE	
PARASITE SYSTEMATICS		CTENOPHARYNGODON IDELLA	802094
TETRAODONTIDAE		HYPOPHALMICHTHYS MOLITRIX	802094
TETRAODON VIRIDIPUNCTATUS	800463	PROPHYLACTIC TREATMENT	
		INCIDENCE OF INFECTION	
		HOST PARASITE INTERACTIONS	
		SALMONIDAE	802635
		PARASITE LIFE HISTORY	
		CENTRARCHIDAE	
		MICROPTERUS DOLOMIEUI	800607
		CYPRINIDAE	
		ABRAMIS BRAMA	801231
		SCARDINIUS ERYTHROPHthalmus	801231
		ESOCIDAE	
		ESOX LUCIUS	801180
			801209
		SALMONIDAE	
		COREGONUS LAVARETUS	801232
		HOST SPECIFICITY	
		CENTRARCHIDAE	
		MICROPTERUS DOLOMIEUI	800607
		PARASITE LIFE HISTORY	
		ELASMOBRANCHII	803433
		TELEOSTEI	803433
		HOST PARASITE INTERACTIONS	
		TELEOSTEI	802091
			802092
		PERCIDAE	
		PERCA FLUVIATILIS	803500
		CYPRINIDAE	800303
		ABRAMIS	802089
		CTENOPHARYNGODON IDELLA	802089
		CYPRINUS CARPIO	802093
		LEUCISCUS LEUCISCUS	800592
		ESOCIDAE	
		ESOX LUCIUS	802353
		SYNODONTIDAE	
		SYNODUS FOETENS	800582
		SALMONIDAE	
		COREGONUS WARTMANNI	802941
		SALMO TRUTTA	802941
		SALVELINUS NAMAYCUSH	802353
		INCIDENCE OF INFECTION	
		CYPRINIDAE	
		SCARDINIUS ERYTHROPHthalmus	801522
		PARASITE SYSTEMATICS	
		MYLIOBATIDAE	
		MYLIOBATHS CALIFORNICA	801690
		RHINOBATIDAE	
		RHINOBATOS PRODUCTUS	801690
		TORPEDINIDAE	
		NARCINE BRASILIENSIS	803025
		CHANNIFORMES	
		OPHICEPHALUS LEUCOPUNCTATUS	800912
		CENTRARCHIDAE	
		CHAENOBRYTTUS GULOSUS	802876
		LEPOMIS CYANELLUS	802876
		SCOMBRIDAE	
		THUNNUS OBESUS	803021
		CATOSTOMIDAE	
		CATOSTOMUS INSIGNIS	800655
		CATOSTOMUS CLARKI	800655
		CATOSTOMUS CLARKII	800655
		MINYTREMA MELANOPS	800958
		MOXOSTOMA ERYTHRURUM	800958
		CYPRINIDAE	
		ALBURNUS ALBURNUS	801181
		PIMEPHALES PROMELAS	800585
		SEMOTILUS ATROMACULATUS	800585
		ICTALURIDAE	
		ICTALURUS MELAS	800585
		ICTALURUS CATUS	802876
		ICTALURUS PUNCTATUS	802876
		AMBLYOPSIDAE	
		CHOLOGASTER AGASSIZI	803273
		ESOCIDAE	
		ESOX LUCIUS	800585
		SALMONIDAE	
		SALMO GAIRDNERII	802876
		HOST PARASITE INTERACTIONS	
		CARANGIDAE	
		SERIOLOA QUINQUERADIATA	801585
		ULTRASTRUCTURE	
CESTODA			
CHECK LIST			
PETROMYZONTOMORPHA	801696		
SEASONAL CHANGES			
CENTRARCHIDAE			
MICROPTERUS DOLOMIEUI	800607		
SEASONAL ABUNDANCE			
CYPRINIDAE			
LEUCISCUS LEUCISCUS	800592		
SYNODONTIDAE			
SYNODUS FOETENS	800582		
REPRODUCTION			
CYPRINIDAE	800303		
DISTRIBUTION OF INFECTION			
CYPRINIDAE			
CYPRINUS CARPIO	803334		
INCIDENCE OF INFECTION			
ACIPENSEROMORPHA			
POLYODON SPATULA	801409		
BERYCIDAE			
BERYX SPLENDENS	800826		
CARANGIDAE			
TRACHURUS JAPONICUS	800826		
CENTRARCHIDAE			
MICROPTERUS DOLOMIEUI	800607		
GEMPYLIDAE			
PROMETHEICHTHYS PROMETHEUS	800826		
STROMATEIDAE			
PSENOPTIS ANOMALA	800826		
COTTIDAE			
COTTUS ASPER	802635		
CATOSTOMIDAE			
CATOSTOMUS INSIGNIS	800655		
CATOSTOMUS CLARKI	800655		
CATOSTOMUS CLARKII	800655		
MINYTREMA MELANOPS	800958		
MOXOSTOMA ERYTHRURUM	800958		
CYPRINIDAE	800303		
	801416		
ABRAMIS BRAMA	801925		
GOBIO GOBIO	800682		
LEUCISCUS LEUCISCUS	800592		
	800682		
LEUCISCUS RUTILUS	800682		
PHOXINUS PHOXINUS	802147		
SCARDINIUS ERYTHROPHthalmus	800682		
ICTALURIDAE	801409		
SILURIDAE			
SILURUS GLANIS	801416		
GADIDAE			
GADUS MERLANGUS	801950		
GALAXIIDAE			
GALAXIAS MACULATUS	803235		
SYNODONTIDAE			
SYNODUS FOETENS	800582		
SALMONIDAE			
SALMO SALAR	801950		
HOST PARASITE INTERACTIONS			
RAJIDAE			
RAJA BATH	803433		
RAJA FULLONICA	803433		
RAJA MONTAGUI	803433		
CARCHARHINIDAE			
MUSTELUS MUSTELUS	803433		
SCYLIORHINIDAE			
SCYLIORHINUS CANICULUS	803433		
HEXANCHIFORMES			
HEXANCHUS GRISEUS	803433		
SQUALIDAE			
SPINAX SPINAX	803433		
SQUALUS ACANTHIAS	803433		
SQUATINIDAE			
SQUATINA SQUATINA	803433		
CYPRINIDAE			
ESOX LUCIUS	802524		

PARASITE LIFE HISTORY	
TELEOSTEI	801234
PERCIDAE	
PERCA FLUVIATILIS	801235
ESOCIDAE	
ESOX LUCIUS	801235
AS PARASITE	
MYLIOBATIDAE	
AETOBATUS NARINARI	800013
HOLOCENTRIDAE	800013
SYNGNATHIDAE	800544
Gobiidae	800544
PERCIDAE	800544
GEMPYLIDAE	
LEPIDOCYBIUM FLAVOBRUNNEUM	800013
ISTIOPHORIDAE	800013
XIPHIIDAE	
XIPHIAS GLADIUS	800013
EXOCOETIDAE	
CYPSELURUS SPILONOTOPTERUS	800013
ANGUILLIDAE	800544
CATOSTOMIDAE	
CATOSTOMUS INSIGNIS	800276
CATOSTOMUS CLARKII	800276
ICTIOBUS NIGER	800276
ICTIOBUS CYPRINELLUS	800276
ICTIOBUS BUBALUS	800276
CYPRINIDAE	800544
ESOCIDAE	800544
BLOOD	
CYPRINIDAE	800303

#### NEMATODA

CHECK LIST	
PETROMYZONTOMORPHA	801696
INCIDENCE OF INFECTION	
RAJIDAE	
RAJA RADIATA	800684
TELEOSTEI	802092
BERYCIDAE	
BERYX SPLENDENS	800826
TRACHICHTHYIDAE	
GEPHYROBERYX JAPONICUS	800826
CARANGIDAE	
TRACHURUS JAPONICUS	800826
PERCIDAE	801416
PERCA FLUVIATILIS	801950
GEMPYLIDAE	
PROMETHEICHTHYS PROMETHEUS	800826
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
STROMATEIDAE	
PSENOPSIS ANOMALA	800826
ATHERINIDAE	
ATHERINA MOCHON	801416
CYPRINIDAE	801416
ICTALURIDAE	801409
SILURIDAE	
SILURUS GLANIS	801416
GADIDAE	
GADUS MORHUA	801950
SALMONIDAE	
SALMO SALAR	801950
CHANGE WITH AGE	
GALAXIIDAE	
GALAXIAS MACULATUS	803235
INTENSITY OF INFECTION	
RAJIDAE	
RAJA RADIATA	800684
TRACHICHTHYIDAE	
GEPHYROBERYX JAPONICUS	800826
GEMPYLIDAE	
PROMETHEICHTHYS PROMETHEUS	800826
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
STROMATEIDAE	
PSENOPSIS ANOMALA	800826
PARASITE LIFE HISTORY	
CYPRINIDAE	
CYPRINUS CARPIO	802093
GADIDAE	
GADUS MORHUA	801150
INCIDENCE OF INFECTION	
INTENSITY OF INFECTION	
GADIDAE	
GADUS MORHUA	802617
HOST PARASITE INTERACTIONS	
TELEOSTEI	802091
CYPRINIDAE	
CYPRINUS CARPIO	802089
PARASITE SYSTEMATICS	
RAJIDAE	
RAJA RADIATA	800684
BERYCIDAE	
BERYX SPLENDENS	800826
CHANNIFORMES	
CHANNA STRIATA	802672
CHANNA STRIATUS	802672
MASTACEMBELIDAE	
MASTACEMBELUS ARMATUS	802671
MUGILOIDEI	
MUGIL	802049
CARANGIDAE	
TRACHURUS JAPONICUS	800826

CENTROPOMIDAE		ENVIRONMENTAL FACTORS
LATES CALCARIFER	802049	(CONTINUED)
FORMIONIDAE		
PARASTROMATEUS NIGER	802049	
POMADASYIDAE		
PRISTIPOMA HASTA	802049	
SCIAENIDAE		
PSEUDOSCIAENA	802049	
SCIAENA	802049	
SPARIDAE		
ACANTHOPAGRUS BERDA	802049	
SPARUS	802049	
THERAPONIDAE		
THERAPON	802049	
POLYNEMOIDEI		
POLYNEMUS TETRADACTYLUS	802049	
GEMPYLIDAE		
PROMETHEICHTHYS PROMETHEUS	800826	
SCOMBRIDAE		
AUXIS TAPEINOSOMA	800826	
BELONIDAE		
BELONE STRONGYLURUS	802049	
CLUPEIDAE		
HILSA	802049	
CHARACIDAE		
COLOSSOMA MACROPOMUS	800932	
PIABUCINA	800932	
COBITIDAE		
NOEMACHEILUS BARBATULUS	802146	
CYPRINIDAE	802146	
	803130	
	801181	
ALBURNUS ALBURNUS		
ARIIDAE		
ARIUS SERRATUS	802049	
BAGRIDAE	802671	
HETEROPNEUSTIDAE		
HETEROPNEUSTES FOSSILIS	802671	
SCHILBEIDAE		
PSFUEUTROPIUS GARUA	802671	
SILURIDAE		
WALLAGONIA ATTU	802671	
	802936	
SISORIDAE		
BAGARIUS BAGARIUS	802671	
NOTOPTERIDAE		
NOTOPTERUS NOTOPTERUS	802671	
AS FOOD FOR FISH		
GASTEROSTEIDAE		
GASTEROSTEUS ACULEATUS	803329	
CYPRINIDAE		
ABRAMIS BRAMA	802447	
SALMONIDAE		
THYMALLUS THYMALLUS	803075	
AS PARASITE		
MYXINOMORPHA		
MYXINE GLUTINOSA	803283	
CENTRARCHIDAE		
LEPOMIS MACROCHIRUS	800585	
POMOXIS NIGROMACULATUS	800585	
CYPRINIDAE		
SEMOTILUS ATROMACULATUS	800585	
INCIDENCE OF INFECTION		
SEASONAL ABUNDANCE		
SERRANIDAE		
MORONE AMERICANA	800591	
FREQUENCY OF INFECTION		
OSMERIDAE		
MALLOTUS VILLOSUS	801122	
ACANTHOCEPHALA		
CHECK LIST		
PETROMYZONTOMORPHA	801696	
DISTRIBUTION OF INFECTION		
CYPRINIDAE		
CYPRINUS CARPIO	803334	
INCIDENCE OF INFECTION		
TELEOSTEI	802092	
BERYCIDAE		
BERYX SPLENDENS	800826	
CARANGIDAE		
TRACHURUS JAPONICUS	800826	
POMADASYIDAE		
PARAPRISTIPOMA TRILINEATUM	800826	
GEMPYLIDAE		
PROMETHEICHTHYS PROMETHEUS	800826	
SCOMBRIDAE		
AUXIS TAPEINOSOMA	800826	
SALMONIDAE		
SALMO SALAR	801950	
CHANGE WITH AGE		
GALAXIIDAE		
GALAXIAS MACULATUS	803235	
INTENSITY OF INFECTION		
CYPRINIDAE		
LEUCISCUS IDUS	801500	
HOST PARASITE INTERACTIONS		
CATOSTOMIDAE		
CARPIODES CYPRINUS	801566	
INTENSITY OF INFECTION		
SCOMBRIDAE		
AUXIS TAPEINOSOMA	800826	
PARASITE LIFE HISTORY		
PARASITE SYSTEMATICS		
TELEOSTEI	800597	



ENVIRONMENTAL FACTORS (CONTINUED)	HOST PARASITE INTERACTIONS		LUCIOPERCA LUCIOPERCA	800251
	TELEOSTEI	802091	STIZOSTEDION LUCIOPERCA	800251
	CENTRARCHIDAE	800306	CYPRINIDAE	
	CYPRINIDAE		RUTILUS RUTILUS	800251
	CYPRINUS CARPIO	802089		
	PARASITE SYSTEMATICS			
	ACANTHURIDAE			
	ACANTHURUS BAMIN	802538		
	MUGILOIDEI		ARACHNIDA	
	MUGIL	802536	AS FOOD FOR FISH	
	POLYNEMOIDEI		CENTRARCHIDAE	
	POLYNEMUS HEPTADACTYLUS	802536	LEPOMIS MACROCHIRUS	802420
	CATOSTOMIDAE		LEPOMIS GIBBOSUS	802420
	CATOSTOMUS COMMERSONI	800585	PERCIDAE	
	CYPRINIDAE		PERCINA CAPRODES	802736
	SEMOTILUS ATROMACULATUS	800585	ATHERINIDAE	
	SALMONIDAE		LABIDESTHES SICCOLUS	802736
	SALMO GAIRDNERII	802876	CATOSTOMIDAE	
AS PARASITE			CATOSTOMUS COMMERSONI	802425
	PERCIDAE	800544	CYPRINIDAE	802425
	CATOSTOMIDAE		UMBRIDAE	
	CATOSTOMUS INSIGNIS	800276	UMBRA LIMI	802425
	CATOSTOMUS CLARKII	800276	GALAXIIDAE	
	CYPRINIDAE	800544	GALAXIAS MACULATUS	803235
	ESOCIDAE	800544	AS PARASITE	
	PARASITE LIFE HISTORY		ERYTHRINIDAE	
	SALMONIDAE	800328	HOPLIAS MALABARICUS	801157
	PARASITE SYSTEMATICS			
	CYPRINIDAE			
	TINCA TINCA	800327		
	SALMONIDAE		CRUSTACEA	
	SALMO TRUTTA	800400	INCIDENCE OF INFECTION	
			GOBIIDAE	
			NEOGOBIOUS FLUVIATILIS	801416
			PERCIDAE	801416
ANNELIDA			CLUPEIDAE	
AS FOOD FOR FISH			ALOSA CASPIA	801416
CYPRINIDAE			SILURIDAE	
ASPIUS ASPIUS	803196		SILURUS GLANIS	801416
			HOST PARASITE INTERACTIONS	
			CYPRINIDAE	
			CYPRINUS CARPIO	802089
POLYCHAETA			FISH KILL	
AS FOOD FOR FISH			GASTEROSTEIDAE	
GASTEROSTEIDAE			GASTEROSTEUS ACULEATUS	803125
GASTEROSTEUS ACULEATUS	803329		AS FOOD FOR FISH	
GOBIIDAE			CARCHARHINIDAE	
NEOGOBIOUS MELANOSTOMUS	803330		NEGAPRION BREVIROSTRIS	802226
ACANTHOCLINIDAE			SEMIOTOMORPHA	
ACANTHOCLINUS QUADRIDACTYLUS	803214		LEPSISTEUS PLATOSTOMUS	802105
MULLIDAE			TELEOSTEI	801604
UPENEUS SULPHUREUS	802819		MELAMPHAETIDAE	
POMATOMIDAE			POROMITRA CRASSICEPS	801858
POMATOMUS SALTATRIX	802018		GASTEROSTEIDAE	
PRIACANTHIDAE			EUCALIA INCONSTANS	802425
PRIACANTHUS MACRACANTHUS	800990		GASTEROSTEUS ACULEATUS	803329
PRIACANTHUS TAYENUS	800990		LAMPRIDAE	
PLEURONECTIDAE			LAMPRES REGIUS	801858
PLATICHTHYS FLESUS	802908		REGALECIDAE	
PLEURONECTES PLATESSA	802908		REGALECUS GLENE	801858
OPHIIDIIDAE			GOBIIDAE	
OTOPIDIUM SCRIPPSI	802866		IUGLOSSUS HELENAE	803014
			NEOGOBIOUS FLUVIATILIS	803196
			NEOGOBIOUS MELANOSTOMUS	803196
				803330
				803097
			SCARTELAOS VIRIDIS	
OLIGOCHAETA			ACANTHOCLINIDAE	
AS FOOD FOR FISH			ACANTHOCLINUS QUADRIDACTYLUS	803214
PLEURONECTIDAE			CARANGIDAE	
PLATICHTHYS FLESUS	802908		DECAPTERUS MARUADSI	802819
PLEURONECTES PLATESSA	802908		CENTRARCHIDAE	
GALAXIIDAE			AMBLOPLITES RUPESTRIS	802420
GALAXIAS MACULATUS	803235		LEPOMIS MACROCHIRUS	802420
			LEPOMIS GIBBOSUS	802420
			CENTROPOMIDAE	
			AMBASSIS GYMNOCEPHALUS	803361
			AMBASSIS KOPSII	803361
			LUTJANIDAE	
HIRUDINEA			LUTJANUS BOHAR	803086
CHECK LIST			LUTJANUS ERYTHROPTERUS	802819
PETROMYZONTOMORPHA	801696		MULLIDAE	
TREATMENT FOR DISEASE			UPENEUS MOLUCCENSIS	802819
TELEOSTEI	802092		UPENEUS SULPHUREUS	802819
HOST PARASITE INTERACTIONS			NEMIPTERIDAE	802819
TELEOSTEI	802091		PERCIDAE	
BIOCHEMISTRY			ACERINA CERNUA	801554
RAJIDAE	800295			802489
TELEOSTEI	800295		ETHEOSTOMA EXILE	802425
PARASITE SYSTEMATICS			PERCINA CAPRODES	802736
ELASMOBRANCHII	800461		PERCA FLUVIATILIS	802489
TELEOSTEI	800461		PERCA FLAVESCENS	802420
NOTOTHENIIDAE			STIZOSTEDION CANADENSE	802750
NOTOTHENIA	800461		STIZOSTEDION LUCIOPERCA	802489
ERYTHRINIDAE			POMADASYIDAE	
HOPLIAS MALABARICUS	800461		POMADASYUS HASTA	802819

ARGYROPS SPINIFER	802819	PRIONACE GLAUCA	802609	ENVIRONMENTAL FACTORS (CONTINUED)
CENTROLOPHIDAE		CETORHINIDAE		
CICHTHYS LOCKINGTONI	801858	CETORHINUS MAXIMUS	802609	
CHIASMODONTIDAE		ISURIDAE		
KALI NORMANI	801858	ISURUS OXYRINCHUS	802609	
BOTHIDAE		XIPHIIDAE		
SCOPHTHALMUS MAXIMUS	802908	XIPHIAS GLADIUS	802609	
SCOPHTHALMUS RHOMBUS	802908	AS PREDATOR		
PLEURONECTIDAE		EXOCEOTIDAE	800884	
PLATICTHYS FLESUS	802908	MYSID		
PLEURONECTES PLATESSA	802908	AS COMMENSAL		
AGONIDAE		POMACENTRIDAE	800556	
XENERETMUS LATIFRONS	801858			
ATHERINIDAE				
LABIDESTHES SICCULUS	802736			
CYPRINODONTIDAE				
FUNDULUS DIAPHANUS	802425	BRANCHIOPODA		
CLUPEIDAE		AS FOOD FOR FISH		
ALOSA MAEOTICA	802023	CENTRARCHIDAE		
ALOSA NORDMANNI	802023	POMOXIS NIGROMACULATUS	802379	
ALOSA PSEUDOHARENGUS	802903	PERCIDAE		
	802904	PERCA FLAVESCENS	803009	
CLUPEA HARENGUS	801554	COTTIDAE		
SARDINELLA AURITA	802819	ENOPHRYS BISON	802398	
SARDINELLA JUSSIEU	802819	CLUPEIDAE	803009	
ENGRAULIDAE		CYPRINIDAE		
ENGRAULIS ENCRASICHOLUS	803165	ABRAMIS BRAMA	801925	
ANGUILLIDAE		ALBURNUS ALBURNUS	802256	
ANGUILLA ANGUILLA	801554	CTENOPHARYNGODON IDELLA	802043	
DERICHTHYIDAE		HYPOPHTHALMICHTHYS MOLITRIX	801472	
DERICHTHYS SERPENTINUS	801858	GOBIESOCIFORMES		
NEMICTHYZIDAE		GOBIESOX EUGRAMMUS	800996	
NEMICTHYS SCOLOPACEUS	801858	OSMERIDAE		
SERRIVOMERIDAE		MALLOTUS VILLOSUS	801116	
SERRIVOMER SECTOR	801858	SALMONIDAE	803009	
CATOSTOMIDAE		ONCORHYNCHUS KETA	801066	
CATOSTOMUS COMMERSONII	802425	ONCORHYNCHUS KISUTCH	801066	
CYPRINIDAE	802425	AS PREDATOR		
ABRAMIS BRAMA	802447	FRY		
ARISTICTHYS NOBILIS	802278	CYPRINIDAE		
CYPRINUS CARPIO	802278	HYPOPHTHALMICHTHYS MOLITRIX	802494	
LEUCISCUS BRANDTI	803189			
ARIIDAE				
BAGRE MARINUS	803295			
ICTALURIDAE				
ICTALURUS NEBULOSUS	802425	COPEPODA		
MORMYRIDAE	802659	CLUPEIDAE		
GADIDAE		ANODONTOSTOMA CHACUNDA	800447	
GADUS MORHUA	801985	INCIDENCE OF INFECTION		
	802489	CICHLIDAE	801816	
LOTA LOTA	802495	PLEURONECTIDAE		
MICROMESISTIUS POUTASSOU	802024	ATHERESTHES STOMIAS	801806	
OPHIIDIIDAE		CLUPEIDAE	801816	
OTOPHIDIUM SCRIPPSI	802866	ANODONTOSTOMA CHACUNDA	800447	
ONEIRODIDAE	801858	CHARACIDAE		
CETOMIMIDAE	801858	ALESTES	801816	
ALEPOCEPHALOIDEI	801858	CITHARINIDAE		
ARGENTINIDAE		CITHARINUS CITHARUS	801816	
ARGENTINA SIALIS	801858	DISTICHODONTIDAE		
BATHYLAGIDAE		DISTICHODUS ROSTRATUS	801816	
BATHYLAGUS PACIFICUS	801858	HEPSETIDAE	801816	
UMBRIDAE		BAGRIDAE	801816	
UMBRA LIMI	802425	CLARIIDAE	801816	
GALAXIIDAE		MOCHOKIDAE	801816	
GALAXIAS MACULATUS	803235	SALMONIDAE		
NEOSCOPELIDAE		SALMO SALAR	801950	
SCOPELENGYS TRISTIS	801858	INTENSITY OF INFECTION		
PARALEPIDIDAE		CHIMAEROMORPHA		
LESTIDIUM RINGENS	801858	CHIMAERA MONSTROSA	802717	
SCOPELARCHIDAE		GASTEROSTEIDAE		
SCOPELARCHUS ANALIS	801858	GASTEROSTEUS ACULEATUS	803125	
SYNODONTIDAE		INTENSITY OF INFECTION		
SAURIDA TUMBIL	802819	FISTULARIIDAE		
OSMERIDAE		FISTULARIA PETIMBA	801967	
OSMERUS EPERLANUS	801554	TETRAODONTIDAE		
SALMONIDAE	802319	AROTHRON MELEAGRIS	801967	
COREGONUS HOYI	802749	CLUPEIDAE		
COREGONUS AUTUMNALIS	802496	ANODONTOSTOMA CHACUNDA	800447	
HUCHO PERRYI	803189	TREATMENT FOR DISEASE		
ONCORHYNCHUS NERKA	802531	TELEOSTEI	802090	
SALVELINUS NAMAYCUSH	803073	CYPRINIDAE		
SALVELINUS LEUCOMAEINIS	803189	CTENOPHARYNGODON IDELLA	802094	
THYMALLUS ARCTICUS	802496	HYPOPHTHALMICHTHYS MOLITRIX	802094	
ASTRONESTHIDAE		PARASITE LIFE HISTORY		
BOROSTOMIAS PANAMENSIS	801858	ISURIDAE		
CHAULIODONTIDAE		ISURUS OXYRINCHUS	800355	
CHAULIODUS MACOUNI	801858	PLEURONECTIDAE		
GONOSTOMATIDAE		PLATICTHYS FLESUS	800969	
CYCLOTHONE ACCLINIDENS	801858	PLEURONECTES FLESUS	800969	
IDIACANTHIDAE		CYPRINIDAE		
IDIACANTHUS ANTROSTOMUS	801858	CYPRINUS CARPIO	801689	
MALACOSTEIDAE		HOST PARASITE INTERACTIONS		
ARISTOSTOMIAS SCINTILLANS	801858	CARCHARINIDAE		
MELANOSTOMIATIDAE		GALEORHINUS GALEUS	801753	
BATHOPHILUS FLEMINGI	801858	ISURIDAE		
STERNOPTYCHIDAE		CARCHARODON CARCHARIAS	801753	
ARGYROPELECUS PACIFICUS	801858	ISURUS OXYRINCHUS	801753	
FRY		LAMNA NASUS		
COTTOCOMEPHORIDAE		TELEOSTEI	802091	
COTTOCOMEPHORUS GREWINGKI	802487	LABRIDAE		
YOUNG		CENTROLABRUS EXOLETUS	800704	
CENTRARCHIDAE		CORIS JULIS	800704	
POMOXIS ANNULARIS	802724	CICHLIDAE	801230	
DESCRIPTIVE EVOLUTION		PERCIDAE		
TELEOSTEI	801795	ETHEOSTOMA SPECTABILE	801280	
AS COMMENSAL		CYPRINODONTIDAE		
CARCHARHINIDAE		FUNDULUS HETEROCLITUS	800680	

ENVIRONMENTAL FACTORS  
(CONTINUED)

CLUPEIDAE	
ENGRAULIDAE	801230
SYNAPHOBRANCHIDAE	801352
CYPRINIDAE	
BARBUS ALTIANALIS	801230
CLARIIDAE	801230
PARASITE SYSTEMATICS	
CHIMAEROMORPHA	
HYDROLAGUS COLLIEI	802380
DASYATIDAE	
DASYATIS FLUVIUM	801278
TRYGON	803352
PRISTIDAE	
PRISTIS	803352
RHINOBATIDAE	803352
CARCHARINIDAE	
SCOLIODON SORRAKOWAH	803352
PHOLIDIDAE	
APODICHTHYS FLAVIDUS	802380
LABRIDAE	
PSEUDOLABRUS TETRICUS	801278
CHEILODACTYLIDAE	
CHEILODACTYLUS MACROPTERUS	801753
LATRIDAE	
LATRIDOPSIS CILIARIS	801753
SERRANIDAE	
EPINEPHELUS MERRA	801278
SILLAGINIDAE	
SILLAGINODES PUNCTATUS	801278
GEMPYLIDAE	
JORDANIDIA SOLANDRI	801753
LEIONURA ATUN	801753
SCOMBRIDAE	
SCOMBEROMORUS COMMERSONI	801277
	801278
CENTROLOPHIDAE	
SERIOLELLA BRAMA	801753
MUGILOIDAE	
PARAPERCIS COLIAS	801753
COTTIDAE	
MYOXOCEPHALUS POLYACANTHOCEPHALUS	802380
SCORPAENICHTHYS MARMORATUS	802380
SCORPAENIDAE	
SEBASTODES ALUTUS	802380
MOLIDAE	
MOLA MOLA	802523
TETRAODONTIDAE	
SPHAERODES PLEUROSTICTUS	801278
ATHERINIDAE	
AUSTROATHERINA SMITTI	803138
CLUPEIDAE	
ANODONTOSTOMA CHACUNDA	800447
DUSSUMIERIA HASSELTII	803352
CYPRINIDAE	
ALBURNUS ALBURNUS	801181
INCIDENCE OF INFECTION	
SCOMBRIDAE	
EUTHYNNUS AFFINIS	801933
RASTRELLIGER KANAGURTA	801932
INTENSITY OF INFECTION	
PARASITE LIFE HISTORY	
DIODONTIDAE	
CHILOMYCTERUS ANTENNATUS	801824
CHILOMYCTERUS SCHOEFFI	801824
DIODON HYSTRIX	801824
TETRAODONTIDAE	
SPHAERODES MARMORATUS	801824
HOST SPECIFICITY	
DIPNOI	
PROTOPTERUS	801230
POLYPTEROMORPHA	
POLYPTERUS	801230
CENTROPOMIDAE	
LATES	801230
CICHLIDAE	801230
CHARACIDAE	
HYDROCYNUS	801230
CITHARINIDAE	801230
CYPRINIDAE	801230
BAGRIDAE	801230
CLARIIDAE	801230
OSTEOGLOSSIDAE	
HETEROTIS NILOTICUS	801230
PARASITE LIFE HISTORY	
GADIDAE	
GADUS MORHUA	802551
EFFECT ON FISH	
DISTRIBUTION	
CLUPEIDAE	
CLUPEA HARENGUS	801829
AS FOOD FOR FISH	
LABRIDAE	
LABROIDES PHTHIROPHAGUS	802628
CENTRARCHIDAE	
POMOXIS NIGROMACULATUS	802379
CENTROPOMIDAE	
AMBASSIS GYMNOCEPHALUS	801937
CLUPEIDAE	
ALOSA PSEUDOHARENGUS	802903
	802904
CYPRINIDAE	
CTENOPHARYNGODON IDELLA	802043
GADIDAE	
BOREOGADUS SAIDA	801135
OSMERIDAE	
MALLOTUS VILLOSUS	801116
AS PARASITE	

CARCHARINIDAE	
CARCHARINUS MENISORRAH	801967
GALEOCERDO CUVIERI	801967
HOLOCENTRIDAE	
HOLOCENTRUS SPINIFER	801967
HOLOCENTRUS SAMMARA	801967
ACANTHURIDAE	
ACANTHURUS GAHHM	801967
ACANTHURUS OLIVACEOUS	801967
NASO VLAMINGI	801531
NOTOTHEINIIDAE	
CARANGIDAE	
CARANX MELAMPYGUS	801967
CENTRARCHIDAE	
LEPOMIS MACROCHIRUS	800585
POMOXIS NIGROMACULATUS	800585
CHAETODONTIDAE	
CHAETODON AURIGA	801967
CHAETODON LUNULA	801967
POMACANTHUS IMPERATOR	801967
PERCIDAE	
ETHEOSTOMA NIGRUM	800585
PERCA FLAVESCENS	800585
SERRANIDAE	
EPINEPHELUS KOHLERI	801967
EPINEPHELUS FUSCIGUTTATUS	801967
SCOMBRIDAE	
SCORPAENIDAE	
SEBASTES MENTELLA	800997
BALISTIDAE	
BALISTODES VIRIDESCENS	801967
BELONIDAE	
BELONE PLATYURA	801967
CATOSTOMIDAE	
CATOSTOMUS COMMERSONI	800585
CYPRINIDAE	800544
PIMEPHALES PROMELAS	800585
SEMOTILUS ATROMACULATUS	800585
ESOCIDAE	800544
ESOX LUCIUS	800585
SALMONIDAE	
SALMO TRUTTA	800966
DISTRIBUTION OF INFECTION	
CYPRINIDAE	
CYPRINUS CARPIO	803334
PARASITE LIFE HISTORY	
SCORPAENIDAE	
SEBASTES MENTELLA	800375
PARASITE SYSTEMATICS	
MOBULIDAE	
MOBULA MOBULA	800374
CARANGIDAE	
CARANX	800368
	800438
CHORINEMUS LYSAN	800438
LETHRINIDAE	
LETHRINUS MINIATUS	800368
LUTJANIDAE	
LUTJANUS	800371
SCIAENIDAE	
OTOLITHUS MACULATUS	800438
SCOMBRIDAE	
ACANTHOCYBIUM SOLANDRI	800370
TRICHIURIDAE	
TRICHIURUS SAVALA	800371
	800438
SPHYRAENOIDEI	
SPHYRAENA OBTUSATA	800438
SPHYRAENA SPINOSUS	800438
DIODONTIDAE	
DIODON HYSTRIX	800373
TETRAODONTIDAE	
TETRAODON CUTCUTIA	800373
CHIROCENTRIDAE	
CHIROCENTRUS DORAB	800371
MEGALOPIDAE	
MEGALOPS CYPRINOIDEI	800438
GONOSTOMATIDAE	
VINCIGUERRIA LUCETIA	800372
DECAPODA	
AS FOOD FOR FISH	
Gobiidae	
PERIOPHTHALMUS KOELREUTERI	802276
ACANTHOCLINIDAE	
ACANTHOCLINUS QUADRIDACTYLUS	803214
PERCIDAE	
PERCA FLUVIATILIS	802460
SCOMBRIDAE	
THUNNUS	802462
ANGUILLIDAE	
ANGUILLA ANGUILLA	801795
MEGALOPIDAE	
MEGALOPS ATLANTICA	800417
ARIIDAE	
GALEICHTHYS FELIS	802790
AS COMMENSAL	
Gobiidae	
COTTOGOBIOUS YONGEI	801789

ISOPODA



INCIDENCE OF INFECTION		CTENOPHARYNGODON IDELLA	802043	ENVIRONMENTAL FACTORS (CONTINUED)
HOLOCENTRIDAE		CYPRINUS CARPIO	800646	
MYRIPRISTIS JACOBUS	801949		801175	
PARASITE LIFE HISTORY			802046	
PARASITE SYSTEMATICS			802278	
CLUPEIDAE		LEUCISCUS BRANDTI	803189	
LIMNOTHRISSA MIODON	801229	TOR TOR	803428	
STOLOTHRISSA TANGANICAE	801229	ICTALURIDAE		
HOST SPECIFICITY		ICTALURUS NEBULOSUS	802425	
CICHLIDAE		MORMYRIDAE	802659	
SIMOCHROMIS DIAGRAMMA	801230	GADIDAE		
CITHARINIDAE		LOTA LOTA	802495	
EUGNATHICHTHYS EETVELDII	801230	UMBRIDAE		
AS FOOD FOR FISH		UMBRA LIMI	802425	
LABRIDAE		GALAXIIDAE		
LABROIDES PHTHIROPHAGUS	802628	GALAXIAS MACULATUS	803235	
GOBIESOCIFORMES		SALMONIDAE		
GOBIOXO EUGRAMMUS	800996	COREGONUS HOYI	802749	
SALMONIDAE		COREGONUS AUTUMNALIS	802496	
SALMO TRUTTA	803079	COREGONUS CYLINDRACEUS	803343	
AS PARASITE		HUCHO PERRYI	803189	
NOTOTHEIIDAE	801531	ONCORHYNCHUS MASQU	802670	
CICHLIDAE		ONCORHYNCHUS KISUTCH	801066	
SIMOCHROMIS	800015		802340	
CITHARINIDAE		ONCORHYNCHUS TSHAWYTSCHA	801066	
EUGNATHICHTHYS	800015	SALMO TRUTTA	801497	
CHANIDAE			802916	
CHANOS CHANOS	801948		801497	
		SALMO GAIRDNERII	803073	
		SALVELINUS NAMAYCUSH	803189	
		SALVELINUS LEUCOMAENIS	802340	
		SALVELINUS MALMA	803075	
		THYMALLUS THYMALLUS	802496	
		THYMALLUS ARCTICUS		
<b>EUPHAUSIACEA</b>		FRY		
AS FOOD FOR FISH		SALMONIDAE		
GADIDAE		ONCORHYNCHUS KETA	802306	
MICROMESISTIUS POUTASSOU	801133	DESCRIPTIVE EVOLUTION		
ARGENTINIDAE		TELEOSTEI	801795	
ARGENTINA SILUS	801125	AS SYMBIONT OF FISH		
OSMERIDAE		EXPERIMENTAL ANALYSIS		
MALLOTUS VILLOSUM	801116	EMBRYO		
		SALMONIDAE		
		ONCORHYNCHUS GORBUSCHA	800949	
		ONCORHYNCHUS KETA	800949	
<b>INSECTA</b>		AS PREDATOR		
PONDFISH PRODUCTIVITY		EGG		
CYPRINIDAE		FRY		
CYPRINUS CARPIO	801543	SALMONIDAE		
DESCRIPTION AND OCCURRENCE		SALMO CLARKII	802701	
CYPRINIDAE		SALMO GAIRDNERII	802701	
CYPRINUS CARPIO	800646	BLISTER BEETLES		
	801544	AS FOOD FOR FISH		
AS FOOD FOR FISH		CENTRARCHIDAE		
ACIPENSEROMORPHA		LEPOMIS CYANELLUS	800397	
ACIPENSER TRANSMONTANUS	802599			
SEMIONOTOMORPHA				
LEPISOSTEUS PLATOSTOMUS	802105			
GASTEROSTEIDAE		<b>MOLLUSCA</b>		
EUCALIA INCONSTANS	802425	HOST PARASITE INTERACTIONS		
GASTEROSTEUS ACULEATUS	803329	TELEOSTEI	802091	
GOBIIDAE		PARASITE LIFE HISTORY		
NEOGOBIOUS FLUVIATILIS	803196	PETROMYZONTOMORPHA		
NEOGOBIOUS MELANOSTOMUS	803196	ENTOSPHEMUS JAPONICUS	803473	
PERIOPHTHALMUS CHRYSOSPILOS	803213	ENTOSPHEMUS REISSNERI	803473	
PERIOPHTHALMUS KALOLO	803213	COTTIDAE		
PERIOPHTHALMUS SOBRINUS	803213	COTTUS POLLUX	803473	
PERIOPHTHALMODON SCHLOSSERI	803213	COBITIDAE	803473	
MUGILOIDEI		CYPRINIDAE	803473	
MUGIL CEPHALUS	801175	PLECOGLOSSIDAE		
CENTRARCHIDAE		PLECOGLOSSUS ALTIVELIS	803473	
AMBLOPLITES RUPESTRIS	802420	SALMONIDAE	803473	
LEPOMIS MACROCHIRUS	802420	AS FOOD FOR FISH		
LEPOMIS GIBBOSUS	802420	LAMPRIDAE		
POMOXIS NIGROMACULATUS	802379	LAMPRIS REGIUS	801858	
CICHLIDAE	801175	GOBIIDAE		
PERCIDAE		NEOGOBIOUS MELANOSTOMUS	803330	
ETHEOSTOMA EXILE	802425	ICOSTEOIDEI		
PERCINA CAPRODES	802736	ICOSTEUS AENIGMATICUS	801858	
PERCA FLUVIATILIS	802460	ACANTHOCLINIDAE		
PERCA FLAVESCENS	802420	ACANTHOCLINUS QUADRIDACTYLUS	803214	
STIZOSTEDION CANADENSE	802750	CARANGIDAE		
SCIAENIDAE		DECAPTERUS MARUADSI	802819	
APLODINOTUS GRUNNIENS	802775	CENTRARCHIDAE		
COTTIDAE		LEPOMIS MACROCHIRUS	802420	
COTTUS ALEUTICUS	800781	LEPOMIS GIBBOSUS	802420	
COTTOCOMEPHORIDAE		LUTJANIDAE		
COTTOCOMEPHORUS GREWINGKI	802487	LUTJANUS BOHAR	803086	
ATHERINIDAE		LUTJANUS ERYTHROPTERUS	802819	
LABIDESTHES SICULLUS	802736	MULLIDAE		
CYPRINODONTIDAE		UPENEUS MOLUCCENSIS	802819	
FUNDULUS DIAPHANUS	802425	POMADASYIDAE		
CHARACIDAE		POMADASYUS HASTA	802819	
BRYCONOPS INPAI	803311	PRIACANTHIDAE		
HYDROCYON VITTATUS	802935	PRIACANTHUS MACRACANTHUS	800990	
DISTICHODONTIDAE		PRIACANTHUS TAYENUS	800990	
DISTICHODUS NILOTICUS	802488	SCIAENIDAE		
DISTICHODUS ROSTRATUS	802488	BAIRDIELLA CHRYSURA	803295	
CATOSTOMIDAE		XIPHIIDAE		
CATOSTOMUS COMMERSONII	802425	XIPHIAS GLADIUS	802313	
CYPRINIDAE	801175	PLEURONECTIDAE		
	802425	LIOPSETTA OBSCURA	802893	
ABRAMIS BRAMA	801925	PLEURONECTES PLATESSA	802908	
ALBURNUS ALBURNUS	802447	PSEUDOPLEURONECTES AMERICANUS	801693	
ASPIUS ASPIUS	802256	COTTIDAE		
BARBUS CAPITO	803196	GYMNOCANTHUS HERZENSTEINI	802893	
CIRRHINA MOLITORELLA	802046	ENGRAULIDAE		
	802278			

ENVIRONMENTAL FACTORS  
(CONTINUED)

ENGRAULIS ENCRASICHOLUS	803165
SERRIVOMERIDAE	
SERRIVOMER SECTOR	801858
CYPRINIDAE	
ABRAMIS BRAMA	801925
ASPIUS ASPIUS	803196
BLICCA BJOERKNA	801554
CIRRHINA MOLITORELLA	802278
CYPRINUS CARPIO	801175
LEUCISCUS BRANDTI	803189
LEUCISCUS RUTILUS	801554
MYLOPHARYNGODON PICEUS	802278
TOR TOR	803428
BAGRIDAE	
CHRYSICTHYS MABUSI	800245
CLARIIDAE	
CLARIAS MELLANDI	800245
MOCHOKIDAE	
SYNODONTIS NIGROMACULATUS	800245
BATRACHOIDIFORMES	
AMPHICHTHYS CRYPTOCENTRUS	801951
OPHIIDAE	
OTOPHIDIUM SCRIPPSI	802866
GIGANTACTINIDAE	801858
UMBRIDAE	
UMBRA LIMI	802425
GALAXIIDAE	
GALAXIAS MACULATUS	803235
ALEPISAUROIDEAE	
ALEPISAUROUS FEROX	801858
PARALEPIDIDAE	
LESTIDIUM RINGENS	801858
SYNODONTIDAE	
SAURIDA TUMBIL	802819
SALMONIDAE	802319
COREGONUS HOYI	802749
COREGONUS AUTUMNALIS	802496
HUCHO PERRYI	803189
THYMALLUS THYMALLUS	803075
THYMALLUS ARCTICUS	802496
AVAILABILITY AND USE AS FOOD	
CENTRARCHIDAE	
LEPOMIS MICROLOPHUS	802103
AS SHELTER FOR FISH	
APOGONIDAE	
ASTRAPOGON STELLATUS	801949
CYCLOPTERIDAE	
LIPARIS ATLANTICUS	802728
GADIDAE	
UROPHYCIS CHUSS	803001
AS COMMENSAL	
TELEOSTEI	801604
AS PARASITE	
SALMONIDAE	
SALMO TRUTTA	800676
CHECK LIST	
PETROMYZONTOMORPHA	801696

ROTIFERA

AS FOOD FOR FISH	
CYPRINIDAE	
CTENOPHARYNGODON IDELLA	802043

CHAETOGNATHA

AS FOOD FOR FISH	
POMATOMIDAE	
POMATOMUS SALTATRIX	802018
ENGRAULIDAE	
ENGRAULIS ENCRASICHOLUS	803165

ECHINODERMATA

AS FOOD FOR FISH	
LUTJANIDAE	
LUTJANUS BOHAR	803086
AS SHELTER FOR FISH	
APOGONIDAE	
APOGON ERDMANNI	803367
CARAPIDAE	801917
JORDANICUS GRACILIS	800439
GOBIESOCIFORMES	
GOBIESOX EUGRAMMUS	800996
LEPADICHTHYS LINEATUS	802219
AS PREDATOR	
EGG	
HEXAGRAMMIDAE	
OPHIODON ELONGATUS	801067

PROTOCHORDATA

AS FOOD FOR FISH	
Gobiidae	
IOGLOSSUS HELENAE	803014
PRIACANTHIDAE	
PRIACANTHUS MACRACANTHUS	800990
PRIACANTHUS TAYENUS	800990
	802819

AMPHIBIA

REJECTION AS FOOD	
EGG	
CENTRARCHIDAE	
LEPOMIS CYANELLUS	800515
LEPOMIS MEGALOTIS	800515
ICTALURIDAE	
ICTALURUS MELAS	800515
AS FOOD FOR FISH	
CICHLIDAE	
TILAPIA MOSSAMBICA	803212

REPTILIA

ICHTHYOSAUR	
AS PREDATOR	
PHOLIDOPHOMORPHA	
PHOLIDOPHORUS	800663
SEMIONOTOMORPHA	
DAPEDIUM	800663
LEPIDOTES	800663

AVES

AS PREDATOR	
TELEOSTEI	803010
HOLOCENTRIDAE	800011
CHANNIFORMES	803427
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	801312
AMMODYTIDAE	
AMMODYTES AMERICANUS	801255
BLENNIIDAE	800011
CICHLIDAE	
TILAPIA	803427
EMMELICHTHYIDAE	800011
SERRANIDAE	800011
GEMPYLIDAE	800011
SCOMBRIDAE	800011
POECILIIDAE	
GAMBUSIA AFFINIS	803057
EXOCOETIDAE	800011
COBITIDAE	803057
CYPRINIDAE	803057
	803427
SILURIDAE	
SILURUS GLANIS	803057
GADIDAE	
MICROGADUS TOMCOD	801255
MYCTOPHIDAE	800011
OSMERIDAE	
MALLOTUS VILLOSUM	801255
SALMONIDAE	
ONCORHYNCHUS NERKA	802531
GONOSTOMATIDAE	800011

MAMMALIA

EFFECT ON FISH	
INCIDENCE OF INFECTION	
GADIDAE	
GADUS MORHUA	802617
AS COMMENSAL	
SCOMBRIDAE	
EUTHYNNUS PELAMIS	801705
KATSUWONUS PELAMIS	801705
THUNNUS ALBACARES	801705
AS PREDATOR	
MELAMPHAEIDAE	
SCOPELOGADUS BISPINOSUS	802598
SCIAENIDAE	
SERIPHUS POLITUS	802598
ISTIOPHORIDAE	802052
SCOMBRIDAE	802052
CENTROLOPHIDAE	802598
ICHTHYS LOCKINGTONI	802598
COMEPHORIDAE	
COMEPHORUS DYBOWSKII	800263
EXOCOETIDAE	
OXYPORHAMPHUS MICROPTERUS	802598
SCOMBERESOCIDAE	
COLOLABIS SAIRA	802598
CLUPEIDAE	801950
ENGRAULIDAE	
ENGRAULIS MORDAX	802598
CONGRIDAE	802598
BATRACHOIDIFORMES	
PORICHTHYS NOTATUS	802598
BREGMACEROTIDAE	
BREGMACEROS BATHYMASTER	802598
GADIDAE	801950
MACROURIDAE	802598
COELORHYNCHUS	802598
MERLUCCIIDAE	
MERLUCCIVUS PRODUCTUS	802598
MORIDAE	802598
OPHIIDAE	
OTOPHIDIUM TAYLORI	802598
ARGENTINIDAE	
ARGENTINA SIALIS	802598
GLOSSANGDON	802598

NANSENA	802598	NEMIPTERUS VIRGATUS	802819	ENVIRONMENTAL FACTORS
BATHYLAGIDAE		PERCIDAE		(CONTINUED)
BATHYLAGUS	802598	PERCA FLUVIATILIS	803496	
MYCTOPHIDAE	802598	STIZOSTEDION CANADENSE	802750	
LAMPADENA	803087	STIZOSTEDION LUCIOPERCA	803173	FISH-TO-FISH RELATIONSHIPS
PARALEPIDIDAE			803196	
STEMONOSUDIS	802598		803496	
SCOPELARCHIDAE		POMADASYIDAE		
BENTHABELLA	802598	POMADASYUS HASTA	802819	
SALMONIDAE	801950	PRIACANTHIDAE		
ONCORHYNCHUS NERKA	802531	PRIACANTHUS MACRACANTHUS	800990	
SALMO SALAR	801950	PRIACANTHUS TAYENUS	800990	
GONOSTOMATIDAE	802598	SCIAENIDAE		
ICHTHYOCOCCUS	802598	CYNOSCION NEBULOSUS	803295	
VINCIGUERRIA LUCETIA	802598	THERAPONIDAE		
STERNOPTYCHIDAE		THERAPON THERAPS	802819	
POLYIPNUS	802598	GEMPYLIDAE		
ORCINUS ORCA		GEMPYLUS SERPENS	801858	
AS PREDATOR		SCOMBRIDAE		
CARCHARHINIDAE	800218	AUXIS THAZARD	802819	
LAMPRIDAE		EUTHYNNUS AFFINIS	802819	
LAMPRIS REGIUS	800218	XIPHIIDAE		
PLEURONECTIDAE		XIPHIAS GLADIUS	802313	
HIPPOGLOSSUS STENOLEPIS	800218	CHIASMODONTIDAE		
		KALI NORMANI	801858	
		URANOSCOPIIDAE		
		KATHETOSTOMA AVERRUNCUS	801858	
		BOTHIDAE		
		SCOPHTHALMUS MAXIMUS	802908	
		SCOPHTHALMUS RHOMBUS	802908	
		SERRIVOMERIDAE		
		SERRIVOMER SECTOR	801858	
		CYPRINIDAE		
		ASPIUS ASPIUS	803196	
		LEUCISCUS BRANDTI	803189	
		ARIIDAE		
		BAGRE MARINUS	803295	
		ICTALURIDAE		
		ICTALURUS PUNCTATUS	800078	
		GADIDAE		
		GADUS MORHUA	801985	
		LOTA LOTA	803496	
			803499	
		MICROMESISTIUS POUTASSOU	802024	
		GIGANTACTINIDAE	801858	
		ESOCIDAE		
		ESOX LUCIUS	803496	
		UMBRIDAE		
		UMBRA LIMI	802425	
		ALEPISAUROIDAE		
		ALEPISAUROS FEROX	801858	
		ANOPTERIDAE		
		ANOPTERUS PHARAO	801858	
		PARALEPIDIDAE		
		LESTIDIUM RINGENS	801858	
		SYNODONTIDAE		
		SAURIDA TUMBIL	802819	
		SALMONIDAE	802319	
		COREGONUS AUTUMNALIS	802496	
		HUCHO PERRYI	803189	
		ONCORHYNCHUS KISUTCH	802340	
		SALVELINUS LEUCOMANIS	803189	
		SALVELINUS MALMA	802340	
		THYMALLUS THYMALLUS	803075	
		THYMALLUS ARCTICUS	802496	
		CHAULIODONTIDAE		
		CHAULIODUS MACOUNI	801858	
		IDIACANTHIDAE		
		IDIACANTHUS ANTROSTOMUS	801858	
		EGG		
		GASTEROSTEIDAE		
		EUCALIA INCONSTANS	802425	
		CENTRARCHIDAE		
		LEPOMIS MACROCHIRUS	802420	
		CATOSTOMIDAE		
		CATOSTOMUS COMMERSONI	802425	
		GALAXIIDAE		
		GALAXIAS MACULATUS	803235	
		SALMONIDAE		
		COREGONUS HOYI	802749	
		LARVA		
		GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS	803329	
		GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS		
		AS FOOD FOR FISH		
		ACIPENSEROMORPHA		
		ACIPENSER TRANSMONTANUS	802599	
		PERCIDAE		
		PERCA FLUVIATILIS	801554	
		STIZOSTEDION LUCIOPERCA	801554	
		PUNGITIUS PUNGITIUS		
		AS FOOD FOR FISH		
		PERCIDAE		
		PERCA FLUVIATILIS	802489	
		STIZOSTEDION LUCIOPERCA	802489	
		LAMPRIDAE		
		LAMPRIS REGIUS		
		AS PREDATOR		



ENVIRONMENTAL FACTORS (CONTINUED)	ALEPISAUROIDEA ALEPISAUROIDEA FEROX SCOPELARCHIDAE	801858 801858	CYPRINIDAE POMOXIS ANNULARIS AS PREDATOR ATHERINIDAE MENIDIA AUDENS	801377   801377
FISH-TO-FISH RELATIONSHIPS				
	TRACHTERIDAE TRACHTERUS IRIS AS FOOD FOR FISH XIPHIIDAE XIPHIAS GLADIUS	803058	CICHLIDAE HAPLOCHROMIS TILAPIA AS FOOD FOR FISH CHARACIDAE HYDROCYN VITTATUS	802935
	ACANTHURIDAE AS FOOD FOR FISH LUTJANIDAE LUTJANUS BOHAR	803086	EMBIOTOCIDAE RHACOCILUS VACCA AS PREDATOR EGG HEXAGRAMMIDAE OPHIODON ELONGATUS	801067
	AMMODYTIDAE AMMODYTES AS FOOD FOR FISH GADIDAE GADUS MORHUA	801985	PERCIDAE ACERINA CERNUA AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA PERCA FLAVESCENS AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS AS PREDATOR GASTEROSTEIDAE CULAEAE INCONSTANS PUNGITIUS PUNGITIUS PERCA FLUVIATILIS AS FOOD FOR FISH SALMONIDAE SALVELINUS NAMAYCUSH STIZOSTEDION LUCIOPERCA AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS AS PREDATOR GOBIIDAE BUBYR CAUCASICUS NEOGOBIOUS FLUVIATILIS	801554 801554  802694  801876 801876  803073  802489  803324 803324
	GOBIIDAE AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA GOBIOMORPHUS BASALIS AS PREDATOR GALAXIIDAE GALAXIAS MACULATUS NEOGOBIOUS FLUVIATILIS BUBYR CAUCASICUS AS FOOD FOR FISH LENGTH FREQUENCY PERCIDAE STIZOSTEDION LUCIOPERCA POMATOSCHISTUS MINUTUS AS FOOD FOR FISH PERCIDAE ACERINA CERNUA PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA	802460 803196  803235  803324  802489 802489 802489		
	MUGILOIDEI AS FOOD FOR FISH EGG CENTROPOMIDAE AMBASSIS GYMNOCEPHALUS MUGIL AS FOOD FOR FISH CARCHARINIDAE NEGAPRION BREVIROSTRIS	801937   802226	SCIAENIDAE MICROPOGON UNDULATUS AS FOOD FOR FISH SCIAENIDAE SCIAENOPS OCELLATA	802994
	CARANGIDAE SELACRUMENOPHTHALMUS DECAPTERUS PUNCTATUS AS FOOD FOR FISH SCOMBRIDAE EUTHYNNUS ALLETTERATUS SERIOLA DORSALIS AS PREDATOR MACRORHAMPHOSIDAE MACRORHAMPHOSUS GRACILIS TRACHURUS AS FOOD FOR FISH ISTIOPHORIDAE TETRAPTERUS BREVIROSTRIS TRACHURUS MEDITERRANEUS AS FOOD FOR FISH POMATOMIDAE POMATOMUS SALTATRIX	802997  801858  800394 802018	SERRANIDAE AS FOOD FOR FISH LUTJANIDAE LUTJANUS BOHAR MORONE CHRYSOPS AS PREDATOR ATHERINIDAE MENIDIA AUDENS MORONE SAXATILIS AS PREDATOR SCIAENIDAE MICROPOGON UNDULATUS	803086   801377  802763
	CENTRARCHIDAE AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS MICROPTERUS SALMOIDES AS PREDATOR GASTEROSTEIDAE CULAEAE INCONSTANS PUNGITIUS PUNGITIUS CENTRARCHIDAE ATHERINIDAE MENIDIA AUDENS CLUPEIDAE DOROSOMA	802694  801876 801876 801377  801377 801377	SCOMBRIDAE SCOMBER SCOMBRUS AS FOOD FOR FISH XIPHIIDAE XIPHIAS GLADIUS AS PREDATOR GONOSTOMATIDAE MAUROLICUS MUELLERI THUNNUS ALALUNGA AS PREDATOR MACRORHAMPHOSIDAE MACRORHAMPHOSUS GRACILIS TETRAGONURIDAE TETRAGONURUS CUVIERI ALEPISAUROIDEA ALEPISAUROIDEA FEROX ANOTOPTERIDAE ANOTOPTERUS PHARAO PARALEPIDIDAE LESTIDIUM RINGENS SCOPELARCHIDAE BENTHABELLA LINGUIDENS STERNOPTYCHIDAE	802313  802132  801858 801858 801858 801858 801858 801858 801858

THUNNUS ALBACARES AS PREDATOR LOPHOTIDAE LOPHOTES CRISTATUS ALEPISAUROIDAE ALEPISAURUS FEROX THUNNUS OBESUS AS PREDATOR LOPHOTIDAE LOPHOTES CRISTATUS	801858    801858  801858	POECILIIDAE GAMBUSIA AS FOOD FOR FISH CYPRINIDAE ASPIUS ASPIUS GAMBUSIA AFFINIS AS FOOD FOR FISH MEGALOPIDAE MEGALOPS ATLANTICA	ENVIRONMENTAL FACTORS (CONTINUED)   802045  800417	FISH-TO-FISH RELATIONSHIPS
XIPHIIDAE XIPHIAS GLADIUS AS FOOD FOR FISH ISURIDAE ISURUS OXYRINCHUS	   801949	SCOMBERESOCIDAE COLLABIS SAIRA AS FOOD FOR FISH CARANGIDAE TRACHURUS SYMMETRICUS ANOPLOPOMATIDAE ANOPLOPOMA FIMBRIA SALMONIDAE ONCORHYNCHUS KISUTCH	    802402 802402 802402	
PLEURONECTIFORMES AS FOOD FOR FISH OPHIDIIDAE OTOPHIDIUM SCRIPPSI	  802866	CLUPEIDAE AS FOOD FOR FISH SCOMBRIDAE EUTHYNNUS ALLETTERATUS BREVOORTIA PATRONUS AS FOOD FOR FISH SCIAENIDAE SCIAENOPS OCELLATA CLUPEA HARENGUS AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA	  802997   802994  802489 802489 803196	
PLEURONECTIDAE LIMANDA FERRUGINEA AS PREDATOR EGG AMMODYTIDAE AMMODYTES DUBIUS	    802544	XIPHIIDAE XIPHIAS GLADIUS CYPRINIDAE ASPIUS ASPIUS GADIDAE GADUS MORHUA MICROMESISTIUS POUTASSOU	   802313 803196 802489 801133	
COTTIDAE AS FOOD FOR FISH ACIPENSEROMORPHA ACIPENSER TRANSMONTANUS COTTUS ASPER AS PREDATOR SALMONIDAE ONCORHYNCHUS NERKA COTTUS COGNATUS AS PREDATOR EGG SALMONIDAE ONCORHYNCHUS NERKA SCORPAENICHTHYS MARMORATUS AS PREDATOR EGG HEXAGRAMMIDAE OPHIODON ELONGATUS	   802599   802531  802298  801067	ENGRAULIDAE ENGRAULIS ENCRASICOLUS AS FOOD FOR FISH POMATOMIDAE POMATOMUS SALTATRIX STOLEPHORUS AS FOOD FOR FISH CENTROPOMIDAE AMBASSIS GYMNOCEPHALUS AMBASSIS KOPSII	    802018  803361 803361	
COTTOCOMEPHORIDAE COTTOCOMEPHORUS GREWINGKI AS FOOD FOR FISH SALMONIDAE COREGONUS AUTUMNALIS THYMALLUS ARCTICUS	   802496 802496	ANGUILLIDAE AS PREDATOR GALAXIIDAE GALAXIAS MACULATUS	  803235	
SCORPAENIDAE SEBASTES MARINUS AS FOOD FOR FISH XIPHIIDAE XIPHIAS GLADIUS SEBASTODES AS PREDATOR ARGENTINIDAE ARGENTINA SIALIS	   802313  801858	CHARACIDAE MICRALESTES ACUTIDENS ALESTES AS FOOD FOR FISH CHARACIDAE HYDROCYON VITTATUS	   802935	
BALISTIDAE AS FOOD FOR FISH LUTJANIDAE LUTJANUS BOHAR	  803086	CATOSTOMIDAE ERIMYZON AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS	  802694	
ATHERINIDAE ATHERINA MOCHON AS FOOD FOR FISH POMATOMIDAE POMATOMUS SALTATRIX MENIDIA AUDENS AS FOOD FOR FISH SEMIONOTOMORPHA LEPISOSTEUS OSSEUS	  802018  800396	CYPRINIDAE AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS ALBURNOIDES BIPUNCTATUS AS FOOD FOR FISH CYPRINIDAE ASPIUS ASPIUS LEUCISCUS RUTILUS AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS PTYCHOCEILUS OREGONENSE AS PREDATOR SALMONIDAE	  802694  802045  802460	

ENVIRONMENTAL FACTORS (CONTINUED)	ONCORHYNCHUS NERKA	802531	AS FOOD FOR FISH	
	RUTILUS RUTILUS		GADIDAE	
	AS FOOD FOR FISH		GADUS MORHUA	801985
FISH-TO-FISH RELATIONSHIPS	CYPRINIDAE		OSMERUS EPERLANUS	
	ASPIUS ASPIUS	802045	AS FOOD FOR FISH	
			PERCIDAE	
			PERCA FLUVIATILIS	801554
				802489
			STIZOSTEDION LUCIOPERCA	801554
				802489
	GADIDAE		ANGUILLIDAE	
	AS FOOD FOR FISH		ANGUILLA ANGUILLA	801554
	GADIDAE	801985	GADIDAE	
	GADUS MORHUA		GADUS MORHUA	802489
	GADUS MORHUA		SALMONIDAE	
	AS FOOD FOR FISH		SALVELINUS NAMAYCUSH	803073
	GADIDAE		THALEICHTHYS PACIFICUS	
	MICROMESISTIUS POUTASSOU	801133	AS FOOD FOR FISH	
	AS PREDATOR		ACIPENSEROMORPHA	
	MYCTOPHIDAE		ACIPENSER TRANSMONTANUS	802599
	MYCTOPHUM GLACIALE	801115		
	PARALEPIDIDAE			
	PARALEPIS RISOI	801115		
	OSMERIDAE			
	MALLOTUS VILLOSUS	801116		
	POLLACHIUS VIRENS		SALMONIDAE	
	MELANOGRAMMUS AEGLEFINUS		AS FOOD FOR FISH	
	AS PREDATOR		EGG	
	AMMODYTIDAE		SALMONIDAE	
	AMMODYTES DUBIUS	802544	THYMALLUS THYMALLUS	803075
	UROPHYSIS TENUIS		AS PREDATOR	
	AMMODYTIDAE		PARALEPIDIDAE	
	AMMODYTES DUBIUS	802544	LESTIDIUM RINGENS	801858
	GADUS VIRENS		COREGONUS	
	AS PREDATOR		AS FOOD FOR FISH	
	GONOSTOMATIDAE		SALMONIDAE	
	MAUROLICUS MUELLERI	802132	SALVELINUS NAMAYCUSH	803073
			ONCORHYNCHUS	
			AS FOOD FOR FISH	
			SALMONIDAE	
			SALVELINUS MALMA	802340
			ONCORHYNCHUS GORBUSCHA	
			AS FOOD FOR FISH	
			EGG	
			COTTIDAE	
			COTTUS ALEUTICUS	800781
			SALMO TRUTTA	
			AS PREDATOR	
			GALAXIIDAE	
			GALAXIAS MACULATUS	803235
			SALVELINUS ALPINUS	
			AS PREDATOR	
			EGG	
			SALMONIDAE	
			ONCORHYNCHUS NERKA	802298
			SALVELINUS MALMA	
			SALMO CLARKII	
			ONCORHYNCHUS KISUTCH	
			AS PREDATOR	
			SALMONIDAE	
			ONCORHYNCHUS NERKA	802531
			GONOSTOMATIDAE	
			MAUROLICUS MUELLERI	
			AS FOOD FOR FISH	
			GADIDAE	
			MICROMESISTIUS POUTASSOU	801133
			LETHAL ENVIRONMENTAL LIMITS	
			TELEOSTEI	800722
			BALISTIDAE	
			RUDARIUS ERCODES	800901
			ORYZIATIDAE	
			ORYZIAS LATIPES	800901
			INFRASPECIFIC VARIATION	
			INSECTICIDE POLLUTANTS	
			CYPRINIDAE	
			NOTEMIGONUS CRYSOLEUCAS	802725
			RADIOACTIVITY	
			ORYZIATIDAE	
			ORYZIAS LATIPES	801519
			CYPRINIDAE	
			CARASSIUS CARASSIUS	801519
			INSECTICIDE POLLUTANTS	
			TELEOSTEI	802772
			DETERGENT POLLUTANTS	
			POECILIIDAE	
			GAMBUSIA AFFINIS	801572
			AMMONIA	
			CYPRINIDAE	
			CARASSIUS AURATUS	801510
			ICTALURIDAE	
			ICTALURUS PUNCTATUS	801510
			SALMONIDAE	
			SALMO GAIRDNERII	801510
			MALATHION	
			INSECTICIDE POLLUTANTS	
			CYPRINIDAE	
			PIMEPHALES PROMELAS	802064
			PHENOL	
			ORGANIC POLLUTANTS	
			CYPRINIDAE	
	OSMERIDAE			
	MALLOTUS VILLOSUS			



CARASSIUS AURATUS	801580	GILA MOHAVENSIS	803334	ENVIRONMENTAL FACTORS
PLECOGLOSSIDAE		GILA ORCUTII	802870	(CONTINUED)
PLECOGLOSSUS ALTIVELIS	801580	LABEO UMBRATUS	802870	
SALMONIDAE		NOTROPIS LUTRENSIS	802689	
SALMO GAIRDNERII	801580	NOTROPIS VENUSTUS	800137	GEOGRAPHIC DISTRIBUTION
		PIMEPHALES PROMELAS	802225	
		RHINICHTHYS OSCULUS	800279	
		ZACCO PLATYPUS	802870	
			801005	
<b>DISTRIBUTION</b>		CLARIIDAE		
ELASMOBRANCHII	802537	CLARIAS BATRACHUS	801649	
TELEOSTEI	802537	ICTALURIDAE		
	802541	ICTALURUS CATUS	800279	
CICHLIDAE		ICTALURUS MELAS	803153	
APISTOGRAMMA RAMIREZI	800028	OSTEOGLOSSIDAE	800174	
SCOMBRIDAE		SALMONIDAE	802690	
EUTHYNNUS PELAMIS	801775	SALMO TRUTTA	802596	
EGG				
PLEURONECTIDAE	801459			
PLATICHTHYS FLESUS	800972			
ENGRAULIDAE				
ENGRAULIS ENCRASICOLUS	800972			
GADIDAE	801459			
MERLUCCIIDAE				
MERLUCCIIUS BILINEARIS	802484			
LARVA				
CARANGIDAE				
TRACHURUS SYMMETRICUS	801610			
SCOMBRIDAE				
SCOMBER JAPONICUS	801610			
CLUPEIDAE				
SARDINOPS CAERULEA	801610			
ENGRAULIDAE				
ENGRAULIS MORDAX	801610			
	803494			
MERLUCCIIDAE				
MERLUCCIIUS PRODUCTUS	801610			
	803494			
<b>EXPANSION OF RANGE BY NATURAL MEANS</b>		<b>REDUCTION OF RANGE BY NATURAL MEANS</b>		
PETROMYZONTOMORPHA		AMMODYTIDAE		
LAMPETRA MARIAE	801364	AMMODYTES HEXAPTERUS	800407	
COTTIDAE		PLEURONECTIDAE		
COTTUS	801364	ATHERESTHES STOMIAS	800407	
TETRAODONTIDAE		COTTIDAE		
CANTHIGASTER AMBOINENSIS	802220	MALACOCOTTUS ZONURUS	800407	
CYPRINIDAE	801364	GADIDAE		
PIMEPHALES PROMELAS	802702	LOTA LOTA	800246	
SILURIDAE		MICROGADUS PROXIMUS	800407	
SILURUS GLANIS	801364	THERAGRA CHALCOGRAMMUS	800407	
ESOCIDAE				
ESOX LUCIUS	801364			
SALMONIDAE				
ONCORHYNCHUS GORBUSCHA	802861			
ONCORHYNCHUS KETA	802861			
ONCORHYNCHUS NERKA	802768			
SALMO TRUTTA	801364			
<b>EXPANSION OF RANGE BY MAN</b>		<b>REDUCTION OF RANGE BY MAN</b>		
TELEOSTEI	803266	PETROMYZONTOMORPHA		
Gobiidae	800773	LAMPETRA FLUVIATILIS	801148	
LOPHOGOBIIUS CYPRINOIDES	803054	SQUALIDAE		
CENTRARCHIDAE		ETMOPTERUS SPINAX	800727	
AMBLOPLITES RUPESTRIS	800267	SOMNIOSUS MICROCEPHALUS	800727	
CHAENOBRYTTUS GULOSUS	800267	ACIPENSEROMORPHA		
LEPOMIS AURITUS	800267	ACIPENSER STURIO	801148	
	800279		802711	
LEPOMIS CYANELLUS	800267	HUSO HUSO	800930	
LEPOMIS MACROCHIRUS	800267	CHANNIFORMES		
MICROPTERUS DOLOMIEUI	800267	CHANNA ORIENTALIS	801430	
MICROPTERUS PUNCTULATUS	802884	OSPHRONEMIDAE		
MICROPTERUS SALMOIDES	800267	OSPHRONEMUS GORAMY	801430	
POMOXIS ANNULARIS	800267	NANDIDAE		
POMOXIS NIGROMACULATUS	800267	NANDUS NEBULOSUS	801430	
CICHLIDAE	800174	PRISTOLEPIS FASCIATUS	801430	
	802754	SERRANIDAE		
TILAPIA	801649	MORONE CHRYSOPS	800152	
TILAPIA MOSSAMBICA	800530	PLEURONECTIDAE		
PERCIDAE		HIPPOGLOSSUS HIPPOGLOSSUS	800727	
PERCA FLUVIATILIS	802690	ICELIDAE		
SERRANIDAE		ARTEDIELLUS UNCINATUS	800727	
MORONE MISSISSIPPIENSIS	800152	ICELUS BICORNIS	800727	
CYPRINODONTIDAE		CYPRINODONTIDAE		
CYPRINODON MACULARIUS	802870	CRINICHTHYS BAILEYI	800137	
CYPRINODON NEVADENSIS	802870	EMPETRICHTHYS LATOS	800137	
CYPRINODON SALINUS	802870	POECILIIDAE		
POECILIIDAE		POECILIOPSIS OCCIDENTALIS	800137	
GAMBUSIA AFFINIS	800137	CLUPEIDAE		
	801860	ALOSA ALOSA	801148	
	802690	ALOSA SAPIDISSIMA	800360	
POECILIA FORMOSA	802118	COBITIDAE		
POECILIA RETICULATA	801430	ACANTHOPHTHALMUS KUHLLI	801430	
	803305	CYPRINIDAE		
ANGUILLIDAE		BARBUS BARBUS	801148	
ANGUILLA ANGUILLA	801795	BARBUS TREURENSIS	802901	
CATOSTOMIDAE		MEDA FUNGIDA	800137	
CATOSTOMUS SANTAANAE	802870	MOAPA CORIAEEA	800137	
CYPRINIDAE		OSTEOCHILUS SPILURUS	801430	
BARBUS HOLUBI	802901	PLAGOPTERUS ARGENTISIMUS	800137	
CARASSIUS LANGSDORFII	801005	PROBARBUS JULLIENI	801430	
CYPRINUS CARPIO	800279	PTYCHOCHILUS LUCIUS	800137	
		PUNTIUS DUNCKERI	801430	
		RASBORA BANKANENSIS	801430	
		RASBORA CEPHALOTAENIA	801430	
		RASBORA MACULATA	801430	
		XYRAUCHEN TEXANUS	800137	
		AMBYCIPITIDAE		
		PARAKYSIS VERRUCOSA	801430	
		BAGRIDAE		
		MYSTUS GULIO	801430	
		LORICARIIDAE		
		HYPOSTOMUS	802883	
		PANGASIIDAE		
		PANGASIANODON GIGAS	801431	
		PANGASIUS SANITWONGSEI	801431	
		SILURIDAE		
		OMPOK LEIACANTHUS	801430	
		SILURUS GLANIS	801148	
		SISORIDAE		
		GLYPTOTHORAX MAJOR	801430	
		OSTEOGLOSSIDAE		
		SCLEROPAGES FORMOSUS	801431	
		GADIDAE		
		LOTA LOTA	800246	
		APLOCHITONIDAE		
		PROTODROCTES OXYRHYNCHUS	802690	
		GALAXIIDAE	802690	
		SALMONIDAE	801148	
		SALMO SALAR	800360	

GEOGRAPHIC DISTRIBUTION (CONTINUED)	ENDEMISM TELEOSTEI	800264 802152 803011	LEPOMIS MACROCHIRUS MICROPTERUS DOLOMIEUI POMOXIS ANNULARIS CENTROPOMIDAE CICHLIDAE PERCIDAE ETHEOSTOMA NIGRUM PERCA FLAVESCENS	802748 800344 801877 800344 800174 800174 800344 802063 802392 802650 801756 802048 802460 803321 802156 801923 802156 802392 802406 802650 802902
POPULATION DYNAMICS				
	POPULATIONS			
	SQUALIDAE			
	SQUALUS ACANTHIAS	802918		
	EMBIOTOCIDAE			
	ZALEMBIUS ROSACEUS	802867	PERCA FLUVIATILIS	801756 802048 802460 803321 802156 801923 802156 802392 802406 802650 802902
	SERRANIDAE			
	MORONE SAXATILIS	802764 802968 802287	STIZOSTEDION CANADENSE STIZOSTEDION LUCIOPERCA STIZOSTEDION VITREUM	
	SCOMBRIDAE			
	CLUPEIDAE			
	HILSA ILISHA	802373		
	SARDINOPS CAERULEA	802966		
	CYPRINIDAE			
	ABRAMIS BRAMA	802150		
	SCHIZOPYGOPSIS STOLICZKA	802439		
	GADIDAE			
	TRISOPTERUS ESMARKII	802143	SCIAENIDAE	
	SALMONIDAE		APLODINOTUS GRUNNIENS	802156 802748
	ONCORHYNCHUS KETA	802885	SERRANIDAE	
	ONCORHYNCHUS NERKA	802768 803168 803182 800068	MORONE CHRYSOPS	800344 802156
			SPARIDAE	
	SALVELINUS FONTINALIS		STENOTOMUS CHRYSOPS	802973 802985
	HEMOGLOBIN			
	SALMONIDAE		ISTIOPHORIDAE	
	SALMO SALAR	802603	MAKAIRA NIGRICANS	801977
	INFRASPECIFIC VARIATION		SCOMBRIDAE	802287
	CICHLIDAE		SCOMBER SCOMBRUS	802006
	TILAPIA ZILLII	803069	THUNNUS ALALUNGA	801977
	POLYMORPHISM		THUNNUS ALBACARES	801977 803366 801977
	HEMOGLOBIN			
	GASTEROSTEIDAE		THUNNUS OBESUS	
	GASTEROSTEUS ACULEATUS	802912	SCOPHTHALMIDAE	
	SCHOOLING	803290	SCOPHTHALMUS MAEOTICUS	802005
	IDENTIFICATION		COTTIDAE	
	SALMONIDAE		COTTUS CAROLINAE	802156
	ONCORHYNCHUS NERKA	802531	COTTUS GOBIO	801756
			CYPRINODONTIDAE	
			FUNDULUS OLIVACEUS	802156
			POECILIIDAE	
			GAMBUSIA AFFINIS	802156
			CLUPEIDAE	800174 802392 800344 802156 802000 802392 801971 802248 801950 800344 802156 802156 802823
	POPULATION STRUCTURE		ALOSA CHRYSOCHLORIS	
	ELASMOBRANCHII	802408		
	TELEOSTEI	800834 802408	ALOSA PONTICA	802000
			ALOSA PSEUDOHARENGUS	802392
	PERCIDAE		CLUPEA HARENGUS	801971 802248 801950 800344 802156 802748 800344 802156 802823
	PERCA FLUVIATILIS	800966	CLUPEA SPRATTUS	
	STIZOSTEDION LUCIOPERCA	801923	DOROSOMA CEPEDIANUM	800344 802156 802748 800344 802156 802823
	POMACENTRIDAE			
	HYPSPYOPS RUBICUNDA	800777		
	ANOPLOPOMATIDAE			
	ANOPLOPOMA FIMBRIA	801815	DOROSOMA PETENENSE	800344 802156 802823
	POECILIIDAE			
	POECILIA FORMOSA	803216	SARDINOPS CAERULEA	
	POECILIA RETICULATA	801826	ENGRAULIDAE	
	ENGRAULIDAE		ENGRAULIS ENCRASICHOLUS	802004
	ENGRAULIS MORDAX	801815	ENGRAULIS MORDAX	803494
	CATOSTOMIDAE	801877	ANGUILLIDAE	
	CATOSTOMUS CATOSTOMUS	802354	ANGUILLA ANGUILLA	801756 802048 800174 800174 800174 800174 802156 802748 802392 802748 802392 802392 802748
	GADIDAE			
	MICROMESISTIUS POUTASSOU	801982		
	ARGENTINIDAE		CHARACIDAE	
	ARGENTINA SILUS	801124 801125	CITHARINIDAE	800174
			DISTICHODONTIDAE	800174
	ESOCIDAE		HEPSETIDAE	800174
	ESOX LUCIUS	800421 802354	CATOSTOMIDAE	802156
			CARPIODES VELIFER	802748
	OSMERIDAE		CATOSTOMUS	802392
	MALLOTUS VILLOSUS	801118	MOXOSTOMA	802392
	SALMONIDAE	802354	MOXOSTOMA ERYTHRURUM	802748
	ONCORHYNCHUS NERKA	800359	COBITIDAE	
	ONCORHYNCHUS TSHAWYTSCHA	801066	NOEMACHEILUS BARBATULUS	801756 800174 801756 802048 802156 802822 803190 803495 801756 802156 801756 802156 802392 801658 802392 801756
	SALVELINUS MALMA	800998	CYPRINIDAE	
	MERISTICS			
	GILL RAKERS			
	SALMONIDAE		ABRAMIS BALLERUS	800344
	COREGONUS MUKSUN	802795	ABRAMIS BRAMA	802156 802659 800174
	POPULATION CHANGES	802446	BARBUS BARBUS	801756
	PETROMYZONTOMORPHA		CARASSIUS AURATUS	802156
	PETROMYZON MARINUS	802392	CHONDROSTOMA NASUS	801756
	ACIPENSEROMORPHA	802486	CYPRINUS CARPIO	802156
	ACIPENSER FULVESCENS	802392		
	SEMIONOTOMORPHA	802156	GNATHOPOGON CAERULESCENS	802392 801455 801658 802392 801756
	TELEOSTEI	803378		
	GASTEROSTEIDAE		NOTROPIS ATERINOIDES	
	GASTEROSTEUS ACULEATUS	802343	PHOXINUS PHOXINUS	
	ACANTHURIDAE		ICTALURIDAE	
	ACANTHURUS	802134	ICTALURUS MELAS	802650
	GOBIIDAE		ICTALURUS PUNCTATUS	802156 802708 802748
	BUBYR CAUCASICUS	803324		
	NEOGOBIIUS FLUVIATILIS	803324	HODONTIDAE	
	SCARIDAE	802134	HODON TERGISUS	800344
	CARANGIDAE			802156
	TRACHURUS SYMMETRICUS	802871	MORMYRIDAE	802659
	CENTRARCHIDAE	802156	OSTEOGLOSSIDAE	800174
			GADIDAE	

GADUS MORHUA	802300	OSPHRONEMUS GORAMY	801430	POPULATION DYNAMICS (CONTINUED)
LOTA LOTA	801756	BLENNIIDAE		
TRISOPTERUS ESMARKII	802392	OPHIOBLENNIUS ATLANTICUS	801917	
	801128	Gobiidae		
	801950	NEOGOBIOUS FLUVIATILIS	802453	
	801984		803196	
ESOCIDAE		NEOGOBIOUS MELANOSTOMUS	803196	
ESOX LUCIUS	801756	PROTERORHINUS MARMORATUS	802453	
	802048	CARANGIDAE		
OSMERIDAE		SERIOLA QUINQUERADIATA	800483	
OSMERUS MORDAX	802392	TRACHURUS SYMMETRICUS	801778	
SALMONIDAE		CENTRARCHIDAE		
COREGONUS ALPENAE	802392	LEPOMIS	801377	
COREGONUS ARTEIDII	802392	LEPOMIS MACROCHIRUS	802532	
COREGONUS CLUPEAFORMIS	802392		802652	
	802902		802723	
COREGONUS HOYI	802392	LEPOMIS MEGALOTIS	801877	
	802749	MICROPTERUS SALMOIDES	801377	
COREGONUS JOHANNAE	802392	POMOXIS NIGROMACULATUS	802532	
COREGONUS KIYI	802392	NANDIDAE		
COREGONUS NIGRIPINNIS	802392	NANDUS NEBULOSUS	801430	
COREGONUS REIGHARDI	802392	PERCIDAE	800147	
COREGONUS ZENITHICUS	802392	PERCA FLAVESCENS	802453	
	802749	PERCA FLUVIATILIS	801443	
ONCORHYNCHUS GORBUSCHA	802339	SCIAENIDAE		
ONCORHYNCHUS KETA	802339	APLODINOTUS GRUNNIENS	802775	
ONCORHYNCHUS KISUTCH	801908	SPARIDAE		
	802339	STENOTOMUS CHRYSOPS	801776	
	802342	SCOMBRIDAE		
	802343	EUTHYNNUS	802887	
ONCORHYNCHUS NERKA	802342	EUTHYNNUS PELAMIS	801819	
ONCORHYNCHUS TSHAWYTSCHA	801978	KATSUWONUS PELAMIS	801819	
	802339	THUNNUS	802887	
SALMO GAIRDNERII	800344	THUNNUS OBESUS	800897	
	802156	TRICHIURIDAE		
SALMO SALAR	801950	LEPIDOPUS XANTUSI	801858	
SALMO TRUTTA	801756	STROMATEIDAE		
	801950	PEPRILUS TRIACANTHUS	801776	
SALVELINUS FONTINALIS	802376	BOTHIDAE		
SALVELINUS MALMA	802340	CYCLOPSETTA CHITTENDENI	802791	
SALVELINUS NAMAYCUSH	802392	PARALICHTHYS OBLONGUS	801776	
	802407	SCOPHTHALMUS AQUOSUS	801776	
	802902	PLEURONECTIDAE	801776	
THYMALLUS ARCTICUS	802352	SCOPHTHALMIDAE		
YOUNG		SCOPHTHALMUS AQUOSUS	801776	
ACIPENSEROMORPHA		COTTIDAE		
HUSO HUSO	803296	COTTUS GOBIO	801503	
LAKE IMPROVEMENT			802255	
GASTEROSTEIDAE		COTTUS POECILOPUS	802255	
GASTEROSTEUS ACULEATUS	802559	HEMITRIPTERUS AMERICANUS	801776	
PUNGITIUS PUNGITIUS	802559	MYOXOCEPHALUS OCTODECEMSPINOSUS	801776	
CYPRINODONTIDAE		SCORPAENIDAE	801778	
FUNDULUS DIAPHANUS	802559	SEBASTES MARINUS	801776	
CATOSTOMIDAE		ATHERINIDAE		
CATOSTOMUS COMMERSONII	802559	MENIDIA AUDENS	801377	
CYPRINIDAE	802559	EXOCOETIDAE	803184	
ARTIFICIAL REEFS		SCOMBERESOCIDAE		
TELEOSTEI	801890	COLOLABIS SAIRA	801778	
HABITAT DESTRUCTION		CLUPEIDAE		
FAST FLOWING STREAMS		ALOSA PSEUDOHARENGUS	801776	
CATOSTOMIDAE		CLUPEA HARENGUS	800866	
CATOSTOMUS CATOSTOMUS	802771		801776	
CATOSTOMUS COMMERSONII	802771		802138	
SALMONIDAE		DOROSOMA	801377	
PROSOPIUM WILLIAMSONI	802771	SARDINOPS CAERULEA	801778	
SALMO GAIRDNERII	802771		802966	
SALMO TRUTTA	802771	ENGRAULIDAE		
SALVELINUS FONTINALIS	802771	ENGRAULIS MORDAX	801778	
HABITAT EUTROPHICATION		ANGUILLIDAE		
CENTRARCHIDAE	802980	ANGUILLA ANGUILLA	801443	
PERCIDAE	802980		801503	
ANGUILLIDAE			802255	
ANGUILLA ROSTRATA	802980	ANGUILLA AUSTRALIS	803179	
CATOSTOMIDAE	802980	ANGUILLA DIEFFENBACHII	803179	
CYPRINIDAE	802980	CATOSTOMIDAE	801877	
ICTALURIDAE	802980	ERIMYZON TENUIS	802638	
APHREDODERIDAE		COBITIDAE		
APHREDODERUS SAYANUS	802980	ACANTHOPHTHALMUS KUHII	801430	
ESOCIDAE		COBITIS	802453	
ESOX NIGER	802980	NOEMACHEILUS BARBATULUS	801503	
ESOX AMERICANUS	802980		802255	
UMBRIDAE		CYPRINIDAE	801443	
UMBRA PYGMAEA	802980	LEUCASPIUS DELINEATUS	802453	
		LEUCISCUS CEPHALUS	802255	
		LEUCISCUS LEUCISCUS	802255	
		LEUCISCUS RUTILUS	802453	
		NOTROPIS	801377	
		NOTROPIS CHRYSOCEPHALUS	801877	
		PHOXINUS PHOXINUS	801503	
			802255	
		PIMEPHALES	801377	
		RASBORA BANKANENSIS	801430	
		RUTILUS RUTILUS	802255	
		AMBLYCIPITIDAE		
		PARAKYSIS VERRUCOSA	801430	
		ICTALURIDAE		
		ICTALURUS MELAS	802651	
		ICTALURUS PUNCTATUS	802533	
		SISORIDAE		
		GLYPTOTHORAX MAJOR	801430	
		GADIDAE	801776	
		MICROMESISTIUS POUTASSOU	801950	
		MERLUCCIIDAE		
		MERLUCCIOUS BILINEARIS	801776	
		MERLUCCIOUS CAPENSIS	801981	
		MERLUCCIOUS PRODUCTUS	801778	
		ZOARCIDAE		
CYCLES OF ABUNDANCE				
OSMERIDAE				
MALLOTUS VILLOSUS	801117			
SALMONIDAE				
ONCORHYNCHUS NERKA	800359			
POPULATION DENSITY	802329			
PETROMYZONTOMORPHA				
LAMPETRA	802255			
RAJIDAE	801776			
SQUALIDAE				
SQUALUS ACANTHIAS	801776			
GASTEROSTEIDAE				
PUNGITIUS	802453			
MACRORHAMPHOSIDAE				
MACRORHAMPHOSUS GRACILIS	801858			
OSPHRONEMIDAE				





PERCA FLUVIATILIS	802801	MORONE SAXATILIS	802764 802968	POPULATION DYNAMICS (CONTINUED)
		SPARIDAE		
		STENOTOMUS CHRYSOPS	802985	
AGE CLASS DISTRIBUTION	802452	SCOMBRIDAE		
ACIPENSEROMORPHA		EUTHYNNUS PELAMIS	803388	
ACIPENSER TRANSMONTANUS	802599	THUNNUS ALALUNGA	801848	
MUGILOIDEI		THUNNUS ALBACARES	802440	
ALDRICHETTA FORSTERI	802677	THUNNUS OBESUS	802440	
CENTRARCHIDAE		PLEURONECTIDAE		
MICROPTERUS SALMOIDES	802154	PLEURONECTES PLATESSA	802908	
PERCIDAE		REINHARDTIUS HIPPOGLOSSOIDES	801888	
STIZOSTEDION LUCIOPERCA	803074	SCORPAENIDAE		
SERRANIDAE		SEBASTODES ALUTUS	801805 801806	
MORONE SAXATILIS	802968 802986	CLUPEIDAE		
		HILSA ILISHA	802766	
SCOMBRIDAE		CYPRINIDAE		
THUNNUS ALALUNGA	801848	NOTROPIS LUTRENSIS	802534	
THUNNUS OBESUS	800897	PIMEPHALES NOTATUS	802534	
BOTHIDAE		ARIIDAE		
CYCLOPSETTA CHITTENDENI	802791	TACHYSURUS SONA	803421	
PLEURONECTIDAE		GADIDAE		
HIPPOGLOSSUS STENOLEPIS	801221 802151 801097 802521	GADUS MACROCEPHALUS	801803	
		OPHIIDAE		
LIMANDA ASPERA	801097	OTOPHIDIUM SCRIPPSI	802866	
PLEURONECTES PLATESSA	802521	SALMONIDAE		
SCOPHTHALMIDAE		ONCORHYNCHUS NERKA	802768	
SCOPHTHALMUS MAEOTICUS	802005	PROSOPIUM CYLINDRACEUM	802391	
ANOPLOPOMATIDAE		SALMO TRUTTA	802914 803084 802781	
ANOPLOPOMA FIMBRIA	800755			
SCORPAENIDAE		SALVELINUS NAMAYCUSH		
SEBASTES MENTELLA	800997	LARVA		
CLUPEIDAE		CLUPEIDAE		
ALOSA MAEOTICA	802023	CLUPEA HARENGUS	802423	
ALOSA NORDMANNI	802023	CONGRIDAE		
ALOSA PONTICA	802023	CONGER MYRIASTER	802900	
CLUPEA HARENGUS	800756 800997 801001 801966 802138	SEASONAL CHANGES		
		SPARIDAE		
		STENOTOMUS CHRYSOPS	802973	
		BOTHIDAE		
		CYCLOPSETTA CHITTENDENI	802791	
ENGRAULIDAE				
ENGRAULIS ENCRASICHOLUS	802004			
ENGRAULIS RINGENS	801311			
CYPRINIDAE		WEIGHT FREQUENCY		
ABRAMIS BALLERUS	802822	CARCHARINIDAE	803241	
ABRAMIS BRAMA	802452 803495	SPHYRNIDAE		
		SPHYRNA MOKARRAN	803241	
CHONDROSTOMA NASUS	802947			
CYPRINUS CARPIO	802485			
TINCA TINCA	802448			
ICTALURIDAE				
ICTALURUS PUNCTATUS	802708			
GADIDAE		POPULATION BIOENERGETICS		
ELEGINUS NAVAGA	801138 803186 802300	TELEOSTEI	800135 800136	
GADUS MORHUA	801132	CENTRARCHIDAE		
MICROMESISTIUS POUTASSOU	801127	LEPOMIS MACROCHIRUS	800382	
TRISOPTERUS ESMARKII	801984	MICROPTERUS SALMOIDES	800557	
		SALMONIDAE		
ESOCIDAE		SALMO SALAR	801503	
ESOX LUCIUS	802356	SALMO TRUTTA	801503 802334	
OSMERIDAE				
MALLOTUS VILLOSUS	801117 801888 802521 803322			
SALMONIDAE		AVAILABILITY AND USE OF FOOD		
		TELEOSTEI	801139	
COREGONUS HOYI	802749	LABRIDAE		
ONCORHYNCHUS KETA	802109	LABROIDES PHTHIROPHAGUS	802628	
ONCORHYNCHUS TSHAWYTSCHA	802341 802344 802345	CENTRARCHIDAE		
		AMBLOPLITES RUPESTRIS	802420	
PROSOPIUM CYLINDRACEUM	802391	LEPOMIS GIBBOSUS	802420	
SALMO GAIRDNERII	801497 802344	LEPOMIS MACROCHIRUS	802420	
		PERCIDAE		
SALMO TRUTTA	801440 801494 801497	PERCA FLAVESCENS	802420 803009 802824	
		PERCA FLUVIATILIS	803321 802736	
SALVELINUS MALMA	800998			
		PERCINA CAPRODES		
SALVELINUS NAMAYCUSH	802340 801028	COTTIDAE		
STENODUS LEUCICHTHYS	802356	COTTUS PERPLEXUS	800009	
THYMALLUS THYMALLUS	803075	ATHERINIDAE		
LARVA		LABIDESTHES SICCLUS	802736	
ACIPENSEROMORPHA		CYPRINODONTIDAE		
ACIPENSER GULDENSTAEDTI	803200	FUNDULUS DIAPHANUS	802420 802425	
ACIPENSER RUTHENUS	803200			
HUSO HUSO	803200	POECILIIDAE		
SEASONAL RACES		POECILIA RETICULATA	801826	
SALMONIDAE		CLUPEIDAE		
SALMO ISCHCHAN	801509	ALOSA PSEUDOHARENGUS	802904	
		SARDINOPS CAERULEA	802823	
		ENGRAULIDAE		
		ENGRAULIS ENCRASICHOLUS	803165	
		ENGRAULIS ENCRASICOLUS	803165	
LENGTH FREQUENCY		CYPRINIDAE	802046	
CARCHARINIDAE	803241	CYPRINUS CARPIO	800836	
SPHYRNIDAE		ICTALURIDAE		
SPHYRNA MOKARRAN	803241	ICTALURUS MELAS	800135	
AMMODYTIDAE		UMBRIDAE		
AMMODYTES DUBIUS	802544	UMBRA LIMI	802425	
GOBIIDAE		GALAXIIDAE		
GLOSSOGOBIOUS GIURUS	801946	GALAXIAS MACULATUS	803235	
SCIAENIDAE		SALMONIDAE		
CYNOSCION NOBILIS	803096	COREGONUS AUTUMNALIS	802828	
SERRANIDAE				

POPULATION DYNAMICS (CONTINUED)	SALMO CLARKII	800009	STICHAETIDAE	
	SALMO GAIRONERII	803009	PLECTOBANCHUS EVIDES	802604
	SALMO TRUTTA	803079	EMBIOTOCIDAE	
	SALVELINUS FONTINALIS	800282	CYMATOGASTER AGGREGATA	802604
		802334	BATHYMASTERIDAE	
BEHAVIOR			RONQUILUS JORDANI	802604
	SEASONAL CHANGES		BOTHIDAE	
CYCLICAL CHANGES	CYPRINIDAE		CITHARICHTHYS SORDIDUS	802604
	ABRAMIS BRAMA	802451	CITHARICHTHYS STIGMAEUS	802604
	EXPERIMENTAL ANALYSIS		PLEURONECTIDAE	802604
	SEMIONOTOMORPHA		AGONIDAE	802604
	LEPISOSTEUS PLATOSTOMUS	802105	COTTIDAE	802604
	GASTEROSTEIDAE		CYCLOPTERIDAE	
	GASTEROSTEUS ACULEATUS	801735	CAREPROCTUS MELANURUS	802604
	CLUPEIDAE		RHINOLIPARIS ATTENUATUS	802604
	ALOSA PSEUDOHARENGUS	803009	ANOPLOPOMATIDAE	
	ESOCIDAE		ANOPLOPOMA FIMBRIA	802604
	ESOX LUCIUS	802694	HEXAGRAMMIDAE	
	LARVA		OPHIODON ELONGATUS	802604
	CYPRINIDAE		SCORPAENIDAE	802604
	RUTILUS RUTILUS	803497	GADIDAE	
	FAST FLOWING STREAMS		MICROGADUS PROXIMUS	802604
	SALMONIDAE		MACROURIDAE	
	SALMO TRUTTA	802375	CORYPHAENOIDES ACROLEPIS	802604
			CORYPHAENOIDES PECTORALIS	802604
			MORIDAE	
			ANTIMORA ROSTRATA	802604
			ZOARCIDAE	802604
			ALEPOCEPHALOIDAE	
			ALEPOCEPHALUS CONVEXIFRONS	802604
	FOOD CHAINS	802322		
	ELASMOBRANCH-	801637		
	TELEOSTEI	801637		
		801706		
	SIGANIDAE			
	SIGANUS FUSCESCENS	802516		
	PHOLIDIDAE			
	ENEODIAS NEBULOSUS	802516		
	GOBIIDAE			
	ACANTHOGOBUS FLAVIMANUS	802516		
	MUGILOIDEI			
	MUGIL CEPHALUS	802516		
	CENTRARCHIDAE			
	MICROPTERUS SALMOIDES	800557		
	OCHLIDAE	801041		
	EMBIOTOCIDAE			
	DITREMA TEMMINCKI	802516		
	KYPHOSIDAE			
	GIRELLA PUNCTATA	802516		
	LEIOGNATHIDAE			
	LEIOGNATHUS NUCHALIS	802516		
	PERCIDAE			
	ACERNA CERNUA	801546		
	STIZOSTEDION LUCIOPERCA	801546		
	SERRANIDAE			
	LATEOLABRAX JAPONICUS	802516		
	THERAPONIDAE			
	THERAPON OXYRHYNCHUS	802516		
	PLEURONECTIDAE			
	KARELUS B COLORATUS	802516		
	HEXAGRAMMIDAE			
	HEXAGRAMMOS OTAKI	802516		
	SCORPAENIDAE			
	SEBASTES OBLONGUS	802516		
	SEBASTODES INERMIS	802516		
	BALISTIDAE			
	RUDARUS EROODES	802516		
	TETRAODONTIDAE			
	FUGU NIPHOBIUS	802516		
	EXOCOETIDAE			
	HEMIRHAMPHUS KURUMBUS	802516		
	CLUPEIDAE			
	HARENGULA ZONAS	802516		
	SARDINOPS MELANOSTICTA	802516		
	ENGRAULIDAE			
	ENGRAULIS JAPONICA	802516		
	ANGUILIDAE			
	ANGUILLA JAPONICA	802516		
	CHARACIDAE	801041		
	CYPRINIDAE	801546		
	CARASSIUS AURATUS	802516		
	SCHIZOCALUS STEENACKER	802516		
	HYPOPHthalmidAE			
	HYPOPHthalmus EDENTATUS	801041		
	LORCARIDAE			
	STERYGOPHthalmus MULTIRADIATUS	801041		
	OSTEOGLOSSIDAE			
	APAPAMAIGAS	801041		
	ESOCIDAE			
	ESOX LUCIUS	801546		
	BALANGIDAE			
	BALANGICHTHYS MICRODON	802516		
	OSMERIDAE			
	HYPOMESUS OLIDUS	802516		
	OSMERUS EPERLANUS	801546		
	SALMONIDAE			
	SALMO TRUTTA	801546		





CYCLICAL CHANGES  
(CONTINUED)

MACRORHAMPHOSIDAE			KATHETOSTOMA AVERUNCUS	801858
MACRORHAMPHOSUS GRACILIS	801858		PLEURONECTIDAE	801459
SYNGNATHIDAE			EOPSETTA JORDANI	801803
SYNGNATHUS DUNCKERI	801949		KAREIUS BICOLORATUS	802516
LAMPRIDAE			SOLEIDAE	
LAMPRIUS REGIUS	801858		BUGLOSSIDIUM LUTEUM	801995
LOPHOTIDAE			MICROCHIRUS VARIEGATUS	801995
LOPHOTES CRISTATUS	801858		PEGUSA LASCARIS	801995
AMMODYTIDAE			SOLEA SOLEA	801995
AMMODYTES DUBIUS	802544		AGONIDAE	
BELONTIIDAE			XENERETMUS LATIFRONS	801858
TRICHOASTER TRICHOPTERUS	803364		COTTIDAE	
CLINIDAE			COTTUS PYGMAEUS	802115
LUCAYABLENNIUS ZINGARO	801949		CYCLOPTERIDAE	
Gobiidae	803162		CYCLOPTERUS LUMPUS	800703
ACANTHOGOBIIUS FLAVIMANUS	802516		ANOPLOPOMATIDAE	
GLOSSOGOBIIUS GIURUS	801946		ANOPLOPOMA FIMBRIA	800755
GOBIIUS GORLAP	802137			801815
GOBIIUS NONULTIMUS	802137		HEXAGRAMMIDAE	
NEOGOBIIUS FLUVIATILIS	801281		OPHIODON ELONGATUS	801067
NEOGOBIIUS MELANOSTOMUS	801281		PLEUROGRAMMUS AZONUS	800760
	802137		SCORPAENIDAE	801806
NEOGOBIIUS SYRMAN	802137			802002
ICOSTEOIDEI				802516
ICOSTEUS AENIGMATICUS	801858		SEBASTODES INERMIS	
	802872		TRIGLIDAE	
MUGILOIDEI			TRIGLA GURNARDUS	803040
ALDRICHETTA FORSTERI	802677		SYNBRANCHIDAE	
CRENIMUGIL LABROSUS	801571		SYNBRANCHUS MARMORATUS	801041
LIZA RAMADA	801571		ATHERINIDAE	
MUGIL CEPHALUS	802516		LABIDESTHES SICULUS	802733
CHANNICHTHYIDAE			CYPRINODONTIDAE	
CHAENOCEPHALUS ACERATUS	801010		NOTHOBRANCHIUS ORTHONOTUS	801217
ACANTHOCLINIDAE			RIVULUS MARMORATUS	802273
ACANTHOCLINUS QUADRIDACTYLUS	803215		EXOCOETIDAE	
CARANGIDAE			DERMOGENYS PUSILLUS	803363
CARANX CHRYSOPHRYS	802819		HEMIRAMPHUS KURUMEUS	802516
CARANX MALABARICUS	802819		HEMIRAMPHUS MARGINATUS	801929
DECAPTERUS MARUADSI	802819		HEMIRHAMPHODON POGONOGNATHUS	803363
TRACHURUS JAPONICUS	802516		CLUPEIDAE	
TRACHURUS SYMMETRICUS	801610		ALOSA FALLAX	800197
TRACHURUS TRACHURUS	803040		ALOSA MAEOTICA	802023
CENTRARCHIDAE			ALOSA NORDMANNI	802023
MICROPTERUS PUNCTULATUS	801395		ALOSA SAPIDISSIMA	802244
MICROPTERUS SALMOIDES	801395		CLUPEA HARENGUS	801447
POMOXIS ANNULARIS	801395			801481
CENTROPOMIDAE			DOROSOMA CEPEDIANUM	801684
AMBASSIS GYMNOCEPHALUS	801937		ETRUMEUS TERES	800555
	803361		HARENGULA ZUNASI	802516
AMBASSIS KOPSII	803361		HILSA ILISHA	802766
CICHLIDAE			KONOSIRUS PUNCTATUS	802516
HEMIHAPLOCHROMIS PHILANDER	801217		SARDINA PILCHARDUS	802012
TILAPIA GALILAEA	801895		SARDINELLA JUSSIEU	802819
EMBIOTOCIDAE			SARDINELLA LONGICEPS	800959
HYPERPROSOPON ARGENTEUM	802869		SARDINOPS CAERULEA	801610
LEIOGNATHIDAE			SARDINOPS MELANOSTICTA	800555
LEIOGNATHUS NUHALIS	802516		ENGRAULIDAE	
LUTJANIDAE			COILIA NEGLECTA	801927
LUTJANUS BOHAR	803086		ENGRAULIS ENCRASICOLUS	802011
LUTJANUS ERYTHROPTERUS	802819		ENGRAULIS JAPONICUS	800555
MULLIDAE				800921
UPENEUS BENSASI	802819		ENGRAULIS MORDAX	802516
UPENEUS MOLUCCENSIS	802819			802878
UPENEUS SULPHUREUS	802819			
NEMIPTERIDAE	802819		ANGUILLIDAE	
PERCIDAE			ANGUILLA JAPONICA	802516
ETHEOSTOMA LEPIDUM	801467		CONGRIDAE	
ETHEOSTOMA SPECTABILE	801467		GNATHOPHIS CAPENSIS	801282
STIZOSTEDION CANADENSE	802750			803310
STIZOSTEDION LUCIOPERCA	802493		SERRIVOMERIDAE	
POMADASYIDAE			SERRIVOMER SECTOR	801858
PARAPRISTIPOMA TRILINEATUM	801092		SYNAPHOBANCHIDAE	801352
POMADASYUS HASTA	802819		HISTIOBRANCHIUS BATHYBIUS	800770
PRIACANTHIDAE			XENOCONGRIDAE	
PRIACANTHUS TAYENUS	802819		CHILORHINUS SUENSONI	801919
SCIAENIDAE	801041		NOTACANTHIDAE	
LEIOSTOMUS XANTHURUS	803295		NOTACANTHUS NASUS	801040
OTOLITHOIDES BRUNNEUS	801940		ANOSTOMIDAE	
SERRANIDAE			SCHIZODON FASCIATUS	801041
LATEOLABRAX JAPONICUS	802516		CHARACIDAE	
MORONE AMERICANA	802568		HYDROCYNUS VITTATUS	801217
MORONE CHRYSOPS	801078		MICRALESTES ACUTIDENS	801217
MORONE LABRAX	801570		CATOSTOMIDAE	
ROCCUS CHRYSOPS	801078		CATOSTOMUS COMMERSONI	802286
SPARIDAE			CATOSTOMUS MACROCHEILUS	802286
ARGYROPS SPINIFER	802819		CYPRINIDAE	
CHRYSOPHRYS MAJOR	802516		ABRAMIS BRAMA	801925
THERAPONIDAE				803340
THERAPON THERAPS	802819		BARBUS TOPPINI	801217
ISTIOPHORIDAE			BARBUS TRIMACULATUS	801217
MAKAIIRA NIGRICANS	802747		BARILIUS ZAMBEZENSIS	801217
LUVARIDAE			CARASSIUS AURATUS	802516
LUVARUS IMPERIALIS	801858		CHONDROSTOMA NASUS	801390
SCOMBRIDAE			CIRRHIINA MRIGALA	801326
ACANTHOCYBIUM SOLANDRI	801825		CYPRINUS CARPIO	802485
AUXIS THAZARD	802819			802516
EUTHYNNUS AFFINIS	802819		ENGRAULICYPRIS BREVIANALIS	801217
SCOMBER JAPONICUS	801610		NOTROPIS AMOENUS	802211
SCOMBER SCOMBRUS	801998		NOTROPIS EDWARDRANEYI	801345
	803040		PIMEPHALES PROMELAS	802702
SCOMBEROMORUS COMMERSONI	802819		PUNTIIUS UMALII	802135
SCOMBEROMORUS GUTTATUS	802819		RUTILUS RUTILUS	802030
TRICHIURIDAE				802917
LEPIDOPUS XANTUSI	801858		TINCA TINCA	802448
TETRAGONURIDAE			ARIIDAE	
TETRAGONURUS CUVIERI	801858		BAGRE MARINUS	803295
URANOSCOPIDAE			GALEICHTHYS FELIS	803295

BAGRIDAE				
CHRYSICTHYS MABUSI	800245		GOBIUS CEPHALARGES	802019
MYSTUS SEEINGHALA	801327		GOBIUS MELANOSTOMUS	802019
CLARIIDAE			KURTOIDEI	
CLARIAS BATRACHUS	800713		KURTUS INDICUS	802649
CLARIAS GARIEPINUS	801217		SCARIDAE	
	801283		LEPTOSCARUS JAPONICUS	802663
CLARIAS MELLANDI	800245		MUGILOIDEI	
MOCHOKIDAE			MUGIL CEPHALUS	802506
SYNODONTIS NIGROMACULATUS	800245			802649
SYNODONTIS SCHALL	800473		APLODACTYLIDAE	
SYNODONTIS ZAMBEZENSIS	801217		GONIISTIVUS ZEBRA	802663
SISORIDAE			GONIISTIVUS ZONATUS	802663
CHIOGLANUS ANOTERUS	801217		CARANGIDAE	802506
MORMYRIDAE			ATROPUS ATROPUS	802649
GNATHONEMUS MONTEIRII	800245		CARANX KALLA	802649
OSTEOGLOSSIDAE			CARANX LUTESCENS	800332
OSTEOGLOSSUM BICIRRHOSUM	801041		SERIOLA QUINQUERADIATA	802663
BATRACHOIDIFORMES			CICHLIDAE	
OPSANUS BETA	803295		HEMICHROMIS FASCIATUS	802624
GADIDAE	801459		PELMATOCHROMIS GUENTHERI	802624
BOREOGADUS SAIDA	801135		TILAPIA BUSUMANA	802624
	801137		ECHENEIDAE	
GADUS MORHUA	801692		REMORA REMORA	802506
LOTA LOTA	802495		EMMELICHTHYIDAE	
MICROMESISTIVUS POUTASSOU	801133		ERYTHROCLES SCHLEGELI	802663
	801134		EPHIPPIDAE	
	802024		CHAETODIPTERUS FABER	802506
THERAGRA CHALCOGRAMMUS	803185		KYPHOSIDAE	
TRISOPTERUS ESMARKII	801115		GIRELLA PUNCTATA	802663
	801129		LACTARIIDAE	
MERLUCCIIDAE			LACTARIUS LACTARIUS	802649
MERLUCCIUS BILINEARIS	802484		MULLIDAE	
MERLUCCIUS PRODUCTUS	801610		PSEUDUPENEUS SPILURUS	802663
	801815		POMATOMIDAE	
ZOARCIDAE			SCOMBROPS BOOPS	802663
ZOARCES VIVIPARUS	800270		SCIAENIDAE	802506
PERCOPSIDAE			PSEUDOSCIAENA DIACANTHUS	802649
PERCOPSIS OMISCOMAYCUS	802244		SERRANIDAE	
ARGENTINIDAE			EPINEPHELUS MEGACHIR	802663
ARGENTINA SIALIS	801858		SILLAGINIDAE	
ARGENTINA SILUS	801124		SILLAGO SIHAMA	802649
	801125		SPARIDAE	
ARGENTINA SPHYRAENA	803040		ARCHOSARGUS PROBATOCEPHALUS	802506
BATHYLAGIDAE			LAGODON RHOMBOIDES	802506
BATHYLAGUS PACIFICUS	801858		MYLIO MACROCEPHALUS	802663
ESOCIDAE			POLYNEMOIDEI	802649
ESOX LUCIUS	800421		ISTIOPHORIDAE	801404
GALAXIIDAE			MAKAIRA NIGRICANS	802747
GALAXIAS MACULATUS	801963		SCOMBRIDAE	801404
	803235		EUTHYNNUS AFFINIS	802663
GALAXIAS VULGARIS	801960		EUTHYNNUS PELAMIS	803388
SALANGIDAE			RASTRELLIGER KANAGURTA	802649
SALANGICHTHYS MICRODON	802516		SCOMBEROMORUS	802649
MYCTOPHIDAE	801858		SCOMBEROMORUS MACULATUS	802506
MYCTOPHUM PUNCTATUM	803040		THUNNUS	801880
SYMBOLOPHORUS CALIFORNIENSIS	801858		TRICHIURIDAE	802649
NEOSCOPELIDAE			TRICHIURUS LEPTURUS	802506
SCOPELENGYS TRISTIS	801858		SPHYRAENOIDEI	
SYNODONTIDAE			SPHYRAENA BOREALIS	802506
SAURIDA TUMBIL	802819		STROMATEIDAE	
OSMERIDAE			PAMPUS ARGENTUS	802649
HYPOMESUS OLIDUS	802516		PAMPUS CHINENSIS	802649
MALLOTUS VILLOSUM	801116		PEPRILUS ALEPIDOTUS	802506
	801118		PEPRILUS TRIACANTHUS	802506
OSMERUS EPERLANUS	802244		URANOSCOPEIDAE	
	802547		ASTROSCOPUS YGRAECUM	802506
SALMONIDAE			BOTHIDAE	
COREGONUS ALBULA	800768		CITHARICHTHYS SPILOPTERUS	802506
COREGONUS AUTUMNALIS	801310		ETROPUS CROSSOTUS	802506
COREGONUS CLUPEAFORMIS	802828		PARALICHTHYS ALBIGUTTA	802506
COREGONUS CYLINDRACEUS	802563		CYNOGLOSSIDAE	
COREGONUS HOYI	803343		CYNOGLOSSUS SEMIFASCIATUS	802649
ONCORHYNCHUS NERKA	802749		SYMPHURUS PLAGIUSA	802506
SALMO GAIRDNERII	800010		SOLEIDAE	801995
SALMO ISCHCHAN	802697		TRINECTES MACULATUS	802506
SALVELINUS MALMA	801517		SCORPAENIDAE	
STENODUS LEUCICHTHYS	802349		SEBASTISCUS MARMORATUS	802663
THYMALLUS ARCTICUS	802356		TRIGLIDAE	
GONOSTOMATIDAE	802352		PRIONOTUS TRIBULUS	802506
CYCLOTHONE	801858		BALISTIDAE	
MALACOSTEIDAE			ALUTERA SCRIPTA	802506
ARISTOSTOMIAS SCINTILLANS	801858		TETRAODONTIDAE	
MELANOSTOMIATIDAE			SPHAEROIDES NEPHELUS	802506
BATHOPHILUS FLEMINGI	801858		ATHERINIDAE	
ARTIFICIAL SELECTION			MEMBRAS MARTINICA	802506
SALMONIDAE			MENIDIA BERYLLINA	802506
SALMO GAIRDNERII	802647		CYPRINODONTIDAE	802506
TEMPERATURE			BELONIDAE	
CENTRARCHIDAE			STRONGYLURA MARINA	802506
POMOXIS ANNULARIS	802724		EXOCEOTIDAE	
			HYPORHAMPHUS UNIFASCIATUS	802506
			CLUPEIDAE	802506
				802649
SEASONAL ABUNDANCE			ENGRAULIDAE	
DASYATIDAE			ANCHOA HEPSETUS	802506
DASYATIS AMERICANA	802506		ANCHOA MITCHILLI	802506
TELEOSTEI	802718		MURAENESOCIDAE	
	803378		MURAENESOX TALABONOIDES	802649
REGALECIDAE			ELOPIDAE	
REGALECUS GLENE	802124		ELOPS SAURUS	802506
ACANTHURIDAE			CYPRINIDAE	
PRIONURUS MICROLEPIDOTUS	802663		BARBUS ABLABES	802624
GOBIIDAE			BARBUS TRISPILUS	802624
GOBIOSOMA BOSCI	802506		ARIIDAE	
GOBIUS BATRACOCEPHALUS	802019		BAGRE MARINUS	802506
			GALEICHTHYS FELIS	802506
			CLARIIDAE	



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	GOBIESOCIFORMES		PARALEPIDIDAE	800336
	GOBIESOX STRUMOSUS	802506	LARVA	
BEHAVIOR	ANTENNARIIDAE		ACANTHURIDAE	
	HISTRIO HISTRIO	802506	ACANTHURUS TRIOSTEGUS	802067
	HARPADONTIDAE			
ORIENTATION	HARPADON NEHEREUS	802649		
	LARVA			
	SYNGNATHIDAE		ORIENTATION TO FLOATING OBJECTS	
	SYNGNATHUS SCHLEGELI	802900	PETROMYZONTOMORPHA	
	AMMODYTIDAE		PETROMYZON MARINUS	802848
	AMMODYTES PERSONATUS	802900	CARANGIDAE	
	PHOLIDIDAE		CARANX CABALLUS	801708
	DICTYOSOMA BURGERI	802900	TRACHURUS SYMMETRICUS	801815
	CARANGIDAE		CORYPHAENIDAE	801708
	DECAPTERUS MARUADSI	802900	KYPHOSIDAE	
	PLEURONECTIDAE		SECTOR OCYURUS	801708
	LIMANDA YOKOHAMAE	802900	SERRANIDAE	
	SCORPAENIDAE		POLYPRION AMERICANUS	801248
	SEBASTISCUS	802900	SCOMBRIDAE	
	SEBASTES HUBBSI	802900	EUTHYNNUS LINEATUS	801708
	BALISTIDAE		EUTHYNNUS PELAMIS	800477
	RUDARIUS ERCODES	802900	THUNNUS ALBACARES	800477
	ENGRAULIDAE			
	ENGRAULIS JAPONICA	802900	SCORPAENIDAE	
	ANGUILLIDAE		BALISTIDAE	801708
	ANGUILLA ROSTRATA	800580	EXPERIMENTAL ANALYSIS	
	CONGRIDAE		CARANGIDAE	
	CONGER MYRIASTER	802900	CARANX HIPPOS	800337
	BREGMACEROTIDAE		CARANX CABALLUS	800337
	BREGMACEROS MACCLELLANDI	802715	CARANX MARGINATUS	800337
			CHLOROSCOMBRUS ORQUETA	800337
			DECAPTERUS	800337
			ELAGATIS BIPINNULATUS	800337
			NAUCRATES DUCTOR	800337
			SELAR CRUMENOPHTHALMUS	800337
			SERIOLA PERUANA	800337
			SERIOLA RIVOLIANA	800337
			URASPIS SECUNDA	800337
			CORYPHAENIDAE	
			CORYPHAENA HIPPURUS	800337
			ECHENEIDAE	
			PHTHEIRICHTHYS LINEATUS	800337
			KYPHOSIDAE	
			KYPHOSUS ELEGANS	800337
			SECTOR OCYURUS	800337
			LOBOTIDAE	
			LOBOTES PACIFICUS	800337
			MULLIDAE	
			PSEUDUPENEUS GRANDISQUAMIS	800337
			POMACENTRIDAE	
			ABUDEFDUF SAXATILIS	800337
			CHROMIS ATRILOBATA	800337
			POLYNEMOIDEI	
			POLYDACTYLUS OPERCULARIS	800337
			POLYDACTYLUS APPROXIMANS	800337
			SCOMBRIDAE	
			ACANTHOCYBIUM SOLANDRI	800337
			AUXIS THAZARD	800337
			EUTHYNNUS LINEATUS	800337
			EUTHYNNUS PELAMIS	800478
			THUNNUS	800478
			THUNNUS ALBACARES	800337
			NOMEIDAE	
			PSENEUS PACIFICUS	800337
			BALISTIDAE	
			ALUTERA SCRIPTA	800337
			ALUTERA MONOCEROS	800337
			BALISTES POLYLEPIS	800337
			CANTHIDERMIS MACULATUS	800337
			EYE	
			CICHLIDAE	
			TILAPIA NILOTICA	800269
			YOUNG	
			CICHLIDAE	
			TILAPIA GALILAEA	800269
			TILAPIA HEUDELOTI	800269
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			TILAPIA NILOTICA	800269
			TILAPIA THOLLONI	800269
			TRISTRAMELLA SIMONIS	800269
			ORIENTATION WITH LIGHT SOURCE	800914
			CARANGIDAE	
			DECAPTERUS PINNULATUS	800336
			SELAR CRUMENOPHTHALMUS	802991
			TRACHUROPS CRUMENOPHTHALMUS	800336
			SCOMBRIDAE	
			SCOMBER JAPONICUS	800828
				800829
			CLUPEIDAE	
			JENKINSIA LAMPROTAENIA	800556
				802991
			PARALEPIDIDAE	800336
			HYDROSTATICS	
			SQUALOMORPHA	802623
			TELEOSTEI	802623
			MUGILOIDEI	
			MUGIL AURATUS	800744

MUGIL CEPHALUS	800743	CHRYSOPTERYX MAJOR	801851	ORIENTATION
MUGIL SALIENS	800743	SCOMBRIDAE		(CONTINUED)
BATHYDRACONIDAE		ACANTHOCYBIUM SOLANDRI	801216	
PRIONODRACO EVANSII	803100	EUTHYNNUS	802887	
NOTOTHEIIDAE	803100	THUNNUS	802887	LOCOMOTION
MULLIDAE		THUNNUS ALBACARES	801216	
MULLUS BARBATUS	800743	CLUPEIDAE		
POMADASYIDAE		CLUPEA HARENGUS	802303	
POMADASYUS GUORACA	800743	CYPRINIDAE		
SPARIDAE		BARBUS LINEOMACULATUS	800505	
DIPLODUS ANNULARIS	800743	SALMONIDAE		
EGG		SALMO SALAR	800248	
PLEURONECTIDAE		LARVA		
HIPPUGLOSSOIDES ELASSODON	801751	PERCIDAE		
LIMANDA LIMANDA	800352	STIZOSTEDION LUCIOPERCA	802825	
PLATICHTHYS FLEUS	800352	CLUPEIDAE		
PLEURONECTES PLATESSA	800352	CLUPEA HARENGUS	802657	
GADIDAE		EXPERIMENTAL ANALYSIS		
GADUS MORHUA	800352	ACIPENSEROMORPHA		
MICROMESISTIUS POUTASSOU	801131	ACIPENSER GULDENSTAEDTI	803332	
FUNCTION		ACIPENSER STELLATUS	803332	
GAS BLADDER		CENTRARCHIDAE		
TELEOSTEI	802543	MICROPTERUS DOLOMIEUI	802752	
EXPERIMENTAL ANALYSIS		CYPRINIDAE	803332	
UROPHYSIS		OXYGEN		
TELEOSTEI	803007	CARBON DIOXIDE		
DEVELOPMENT		CENTRARCHIDAE		
EGG		MICROPTERUS SALMOIDES	802283	
PLEURONECTIDAE		SALMONIDAE		
PAROPHRYX VETULUS	802299	ONCORHYNCHUS KISUTCH	802283	
ACCLIMATION				
CYPRINIDAE				
RHINICHTHYS CATARACTAE	802412			
		<b>SWIMMING ENDURANCE</b>		
<b>LOCOMOTION</b>		TELEOSTEI	802623	
MYXINOMORPHA		CICHLIDAE	800692	
MYXINE GLUTINOSA	800641	SALMONIDAE		
COCCOSTEOMORPHA		ONCORHYNCHUS NERKA	802531	
COCCOSTEUS CUSPIDATUS	800701	EXPERIMENTAL ANALYSIS		
SQUALOMORPHA	802623	CYPRINIDAE		
OSTEOLEPIDOMORPHA		CARASSIUS CARASSIUS	801589	
EUSTHENOPTERON FOORDI	801953	CARASSIUS AURATUS	801589	
TELEOSTEI	802623			
SYNGNATHIDAE				
AMPHELIKTURUS DENDRITICUS	801949			
CICHLIDAE		<b>CRAWLING UNDERWATER</b>		
PTEROPHYLLUM SCALARE	801195	DACTYLOPTERIFORMES		
SYMPHYSDON AEQUIFASCIATA	800712	DACTYLOPTERUS VOLITANS	801917	
CYPRINIDAE				
CARASSIUS AURATUS	803194			
OPHIIDAE	803019			
BROTULA MULTIBARBATA	803019			
FUNCTION		<b>CLIMBING UNDERWATER</b>		
VISUAL SENSITIVITY AND ACUITY		CYPRINIDAE		
TELEOSTEI	803440	LABEO CYLINDRICUS	801217	
DESCRIPTIVE EVOLUTION		SISORIDAE		
PHOLIDOPHOROMORPHA	801515	CHIOGLANUS ANOTERUS	801217	
PHOLIDOPHORUS BECHEI	800520	CHIOGLANUS PARATUS	801217	
PHOLIDOPHOROPSIS MACULATA	800520			
PHOLIDOLEPIS DORSETENSIS	800520			
TELEOSTEI	800520			
	801515			
ISTIOPHORIDAE	801216			
SCOMBRIDAE	801216	<b>BURROWING UNDERWATER</b>		
XIPHIIDAE		MYXINOMORPHA		
XIPHIAS GLADIUS	801216	MYXINE GLUTINOSA	800641	
LEPTOLEPIDOMORPHA	801515	KRAEMERIIDAE		
		KRAEMERIA SAMOENSIS	801926	
		LABRIDAE	801917	
		MORINGUIDAE		
		MORINGUA EDWARDSI	801949	
		OPHICHTHIDAE		
		OPHICHTHUS OPHIS	801917	
		OPHICHTHUS ZOPHOCHIR	801858	
		OPHIIDAE		
		OTOPHIDIUM SCRIPPSI	802866	
<b>SWIMMING</b>		<b>TERRESTRIAL LOCOMOTION</b>		
SCOMBRIDAE	801216	BLENNIIDAE		
THUNNUS ALBACARES	801216	LOPHALICUS KIRKII	800018	
EXPERIMENTAL ANALYSIS		GOBIIDAE		
CYPRINIDAE		BOLEOPHTHALMUS BODDAERTI	803097	
CARASSIUS AURATUS	800482	PERIOPHTHALMUS	800018	
NERVOUS ELECTROPHYSIOLOGY			802623	
SQUALIDAE			803097	
SQUALUS ACANTHIAS	802261		803213	
DEVELOPMENT			803213	
LARVA			803371	
CLUPEIDAE			803213	
CLUPEA HARENGUS	802657			
<b>HYDRODYNAMICS</b>				
SQUALOMORPHA	802623			
TELEOSTEI	801681			
	802543			
	802623			
CYPRINIDAE				
CARASSIUS AURATUS	800482			
	803194			
RHINICHTHYS CATARACTAE	802412			
		<b>AERIAL LOCOMOTION</b>		
		DACTYLOPTERIFORMES		
<b>SWIMMING SPEED</b>		DACTYLOPTERUS VOLITANS	800499	
TELEOSTEI	802623	GOBIIDAE		
SPARIDAE		GILICHTHYS MIRABILIS	800156	
		EXOCOETIDAE	802623	

LOCOMOTION (CONTINUED)	LEAPING				
	TELEOSTEI	802623		LACTOPHRYS TRIQUETER	801949
	CENTRARCHIDAE			TRIACANTHIDAE	801918
	LEPOMIS GIBBOSUS	802641		TRIACANTHODIDAE	801918
	PERCIDAE			MACRORHAMPHOSODES URADOI	801918
FEEDING	PERCA FLAVESCENS	802641		CYPRINODONTIDAE	
	PROCHILODONTIDAE			CYPRINODON VARIEGATUS	800381
	PROCHILODUS	800101		FLORIDICHTHYS CARPIO	800381
	CATOSTOMIDAE			JORDANELLA FLORIDAE	800381
	CATOSTOMUS COMMERSONI	802641		CLUPEIDAE	
	CYPRINIDAE	802641		HARENGULA THRISSINA	800379
	SALMONIDAE			ANGUILLIDAE	
	SALVELINUS FONTINALIS	802641		ANGUILLA JAPONICA	800924
					800925
				CONGRIDAE	
				NYSTACTICHTHYS HALIS	801949
				TAENIOCONGER	800379
				MURAENIDAE	
				GYMNOTHORAX CASTANEUS	800379
				CYPRINIDAE	
				CATLA CATLA	803293
				CHROSOMUS ERYTHROGASTER	802066
				CTENOPHARYNGODON IDELLA	803039
				CYPRINUS CARPIO	803039
				HYPOPHthalmichthys MOLITRIX	803039
				SCHIZOPYGOPSIS STOLICZKA	802439
				VARICORHINUS NELSPRUITENSIS	802689
				BAGRIDAE	
				CHRYSICTHYS MABUSI	800245
				CLARIIDAE	
				CLARIAS MELLANDI	800245
				ICTALURIDAE	
				ICTALURUS MELAS	800135
				MALAPTERURIDAE	
				MALAPTERURUS ELECTRICUS	800677
				MOCHOKIDAE	
				SYNODONTIS NIGROMACULATUS	800245
				SCHILBEIDAE	
				EUTROPIUS DEPRESSIROSTRIS	802689
				SILURIDAE	
				PARASILURUS ASOTUS	800920
				OSTEOGLOSSOMORPHA	800772
				MORMYRIDAE	
				GNATHONEMUS MACROLEPIDOTUS	802689
				HYPEROPISUS BEBE	800772
				PETROCEPHALUS CATOSTOMA	802689
				PANTODONTIDAE	
				PANTODON BUCHHOLZI	800772
				GADIDAE	
				BOREOGADUS SAIDA	801138
				ELEGINUS NAVAGA	801138
				MACROURIDAE	
				NEZUMIA STELGIDOLEPIS	801858
				ZOARCIDAE	
				BOTHROCARA BRUNNEUM	801858
				GOBIESOCIFORMES	
				ARCOS MACROPHthalmus	801917
				ANTENNARIIDAE	801917
				LOPHIIDAE	
				LOPHIUS LITULON	800920
				OGCOCEPHALIDAE	
				ZALIEUTES ELATER	801858
				ALEPOCEPHALOIDEI	801858
				ALEPISAUROIDAE	
				ALEPISAUROS FEROX	801858
				OSMERIDAE	
				MALLOTUS VILLOSUS	801118
					801888
					800873
				OSMERUS EPERLANUS	
				SALMONIDAE	
				COREGONUS	803081
				COREGONUS NASUS	800873
				COREGONUS PELED	800873
				COREGONUS SARDINELLA	800873
				ONCORHYNCHUS MASOU	802670
				ONCORHYNCHUS NERKA	802531
				SALVELINUS	803081
				IDIACANTHIDAE	
				IDIACANTHUS ANTHOSTOMUS	801858
				SEXUAL DIMORPHISM	
				CORYPHAENIDAE	
				CORYPHAENA HIPPURUS	802726
				LARVA	
				PLEURONECTIDAE	
				PLEURONECTES PLATESSA	802923
				CLUPEIDAE	
				CLUPEA HARENGUS	802233
				ENGRAULIDAE	
				ENGRAULIS MORDAX	801610
				YOUNG	
				CENTRARCHIDAE	
				POMOXIS ANNULARIS	802724
				FRY	
				MUGILOIDEI	
				MUGIL AURATUS	802826
				MUGIL SALIENS	802826
				MUGIL CEPHALUS	802826
				CYPRINIDAE	
				HYPOPHthalmichthys MOLITRIX	801472
				SALMONIDAE	
				ONCORHYNCHUS KETA	802306
				ONCORHYNCHUS KISUTCH	802401
				LARVA	
				GADIDAE	
				LOTA LOTA	802495
				YOUNG	
				LUTJANIDAE	
				LUTJANUS ERYTHROPTERUS	802819



BOTHIDAE			800899	FEEDING
SCOPHTHALMUS MAXIMUS	802908		801101	(CONTINUED)
SCOPHTHALMUS RHOMBUS	802908		801583	
PLEURONECTIDAE			801584	
PLATICHTHYS FLESUS	802908	POMADASYIDAE		
PLEURONECTES PLATESSA	802908	PARAPRISTIPOMA TRILINEATUM	801101	
PLEURONECTES FLESUS	802908	SERRANIDAE		
SCOPHTHALMIDAE		EPINEPHELUS SEPTEMFASCIATUS	800899	
SCOPHTHALMUS MAXIMUS	802908	SCOMBRIDAE		
SCOPHTHALMUS RHOMBUS	802908	SCOMBER JAPONICUS	801583	
CLUPEIDAE		BALISTIDAE		
SARDINELLA JUSSIEU	802819	STEPHANOLEPIS CIRRHIFER	800899	
CHANGE WITH AGE			801101	
GASTEROSTEIDAE			801584	
GASTEROSTEUS ACULEATUS	803329	TETRAODONTIDAE		
ACANTHOCLINIDAE		FUGU VERMICULARIS	800899	
ACANTHOCLINUS QUADRIDACTYLUS	803214		801101	
CLUPEIDAE		ESOCIDAE		
ALOSA PSEUDOHARENGUS	802903	ESOX LUCIUS	802694	
GADIDAE		SALMONIDAE		
LOTA LOTA	803499	SALMO TRUTTA	802375	
LARVA		SALMO GAIRDNERII	800899	
CLUPEIDAE			801101	
ALOSA PSEUDOHARENGUS	802904		801583	
SEASONAL CHANGES			801584	
GALAXIIDAE		CAPTIVE VS NATURAL FISHES		
GALAXIAS MACULATUS	803235	SALMONIDAE		
VARIATION WITH AGE		SALMO SALAR	802279	
CIRCADIAN RHYTHMS		LIGHT		
CENTRARCHIDAE		CARANGIDAE		
POMOXIS NIGROMACULATUS	802379	TRACHURUS SYMMETRICUS	802384	
CIRCADIAN RHYTHMS		DEVELOPMENT		
CENTRARCHIDAE		POMACENTRIDAE		
AMBLOPLITES RUPESTRIS	802420	MICROSPATHODON CHRYSURUS	801052	
LEPOMIS MACROCHIRUS	802420	CYPRINIDAE		
LEPOMIS GIBBOSUS	802420	ABRAMIS BRAMA	801925	
PERCIDAE		CTENOPHARYNGODON IDELLA	802043	
PERCA FLAVESCENS	802420	SEASONAL CHANGES		
SCIAENIDAE		SALMONIDAE		
APLODINOTUS GRUNNIENS	802775	SALMO TRUTTA	803079	
CYPRINODONTIDAE				
FUNDULUS DIAPHANUS	802420			
DISTICHODONTIDAE				
DISTICHODUS NILOTICUS	802488			
DISTICHODUS ROSTRATUS	802488			
FRY		GUT CONTENTS		
COTTOCOMEPHORIDAE		SQUALIDAE		
COTTOCOMEPHORUS GREWINGKII	802487	SQUALUS ACANTHIAS	801950	
SEASONAL CHANGES		SEMIONOTOMORPHA		
CYPRINIDAE		LEPISOSTEUS OSSEUS	800396	
ABRAMIS BRAMA	802451	DACTYLOPTERIFORMES		
ACTIVITY PATTERNS		DACTYLOPTENA ORIENTALIS	800455	
POMATOMIDAE		PHOLIDIDAE		
POMATOMUS SALTATRIX	802018	ENEDRIAS NEBULOSUS	802516	
SEASONAL CHANGES		CALLIONYMOIDEI		
LUTJANIDAE		CALLIONYMUS RICHARDSONI	802516	
LUTJANUS BOHAR	803086	GOBIIDAE		
CYPRINIDAE	802046	ACANTHOGOBIOUS FLAVIMANUS	802516	
ALBURNUS ALBURNUS	802256	GLOSSOGOBIOUS GIURUS	801217	
ASPIUS ASPIUS	802045		801946	
TOR TOR	803428	GOBIOMORPHUS BASALIS	803235	
GADIDAE		NEOGOBIOUS FLUVIATILIS	803196	
GADUS MORHUA	801985	NEOGOBIOUS MELANOSTOMUS	803196	
SALMONIDAE			803330	
ONCORHYNCHUS NERKA	802319	MUGILOIDEI		
ONCORHYNCHUS GORBUSCHA	802319	MUGIL CEPHALUS	802516	
SALMO TRUTTA	802916	CARANGIDAE	802649	
SALVELINUS ALPINUS	803083	TRACHURUS JAPONICUS	802516	
TEMPERATURE		CENTRARCHIDAE		
AMIO MORPHA		MICROPTERUS DOLOMIEUI	800607	
AMIA CALVA	802425	MICROPTERUS SALMOIDES	800344	
GASTEROSTEIDAE		CHAETODONTIDAE		
CULAEA INCONSTANS	802425	HOLACANTHUS CILIARIS	801461	
EUCALIA INCONSTANS	802425	HOLACANTHUS TRICOLOR	801461	
CENTRARCHIDAE	802425	POMACANTHUS ARCUATUS	801461	
PERCIDAE		POMACANTHUS PARU	801461	
ETHEOSTOMA EXILE	802425	CICHLIDAE		
PERCA FLAVESCENS	802425	ACARICHTHYS HECKELI	801041	
SERRANIDAE		APISTOGRAMMA TAENIATUM	801041	
MORONE AMERICANA	802425	CICHLASOMA BIMACULATUM	801041	
CYPRINODONTIDAE		CICHLASOMA FESTIVUM	801041	
FUNDULUS DIAPHANUS	802425	PTEROPHYLLUM SCALARE	801041	
CATOSTOMIDAE		SERRANOCHROMIS MERIDIANUS	801217	
CATOSTOMUS COMMERSONI	802425	TILAPIA MELANOPELEURA	801217	
CYPRINIDAE	802425	TILAPIA MOSSAMBICA	801217	
ICTALURIDAE		EMBIOTOCIDAE		
ICTALURUS NEBULOSUS	802425	DITREMA TEMMINCKI	802516	
ESOCIDAE		EPHIPPIDAE		
ESOX AMERICANUS	802425	CHAETODIPTERUS FABER	801461	
UMBRIDAE		KYPHOSIDAE		
UMBRA LIMI	802425	GIRELLA PUNCTATA	802516	
SOUND PRODUCTION		LACTARIIDAE		
CYPRINIDAE		LACTARIUS LACTARIUS	802649	
CYPRINUS CARPIO	800838	LEIOGNATHIDAE		
PHOXINUS PHOXINUS	800838	LEIOGNATHUS NUCHALIS	802516	
DOMINANCE SOCIAL HIERARCHY		LETHRINIDAE		
SALMONIDAE		LETHRINUS CINEREUS	802649	
SALMO TRUTTA	802696	PERCIDAE		
SALMO GAIRDNERII	802696	ACERINA CERNUA	800129	
SALVELINUS FONTINALIS	802696		800543	
EXPERIMENTAL ANALYSIS			801554	
CARCHARHINIDAE		PERCA FLUVIATILIS	800129	
NEGAPRION BREVIROSTRIS	802226		800543	
TELEOSTEI	801095		800966	
CARANGIDAE		STIZOSTEDION CANADENSE	801554	
SERIOLA QUINQUERADIATA	800899	STIZOSTEDION LUCIOPERCA	800344	
TRACHURUS JAPONICUS	800898		801554	
			803173	

FEEDING  
(CONTINUED)

STIZOSTEDION VITREUM	803196	METYNNIS MACULATUS	801041
POMACENTRIDAE	803324	PYRRHULINA BREVIS	801041
MICROSPATHODON CHRYSURUS	802415	SERRASALMUS ELONGATUS	801041
POMATOMIDAE		SERRASALMUS RHOMBEUS	801041
POMATOMUS SALTATRIX	801052	TRIPORTHEUS ELONGATUS	801041
SCIAENIDAE		CURIMATIDAE	
APLODINOTUS GRUNNIENS	802018	CURIMATUS	801041
BAIRDIELLA CHRYSURA	800344	POTAMORHINA PRISTIGASTER	801041
CYNOSCION ARENARIUS	803295	HEMIODONTIDAE	
CYNOSCION NEBULOSUS	801760	POECILOBRYCON TRIFASCIATUS	801041
MICROPOGON UNDULATUS	803295	POECILOBRYCON UNIFASCIATUS	801041
OTOLITHOIDES BRUNNEUS	801760	PROCHILODONTIDAE	
PLAGIOSCION SQUAMOSISSIMUS	802649	PROCHILODUS	801041
PSEUDOSCIENA DIACANTHUS	801041	CYPRINIDAE	
SCIAENOPS OCELLATA	802649	ABRAMIS BRAMA	800129
SERRANIDAE	802994		800543
LATEOLABRAX JAPONICUS	802516		801554
MORONE CHRYSOPS	800344		801925
MORONE SAXATILIS	802763	ASPIUS ASPIUS	802150
SILLAGINIDAE		BARBUS PALUDINOSUS	803196
SILLAGO SIHAMA	802516	BARILIUS ZAMBEZENSIS	801217
	802649	BLICCA BJOERKNA	800129
			800543
SPARIDAE			801554
CHRYSOPTERYX MAJOR	802516	CARASSIUS AURATUS	802516
THERAPONIDAE		CHROSOMUS ERYTHROGASTER	802066
THERAPON JARBUA	802649	CYPRINUS CARPIO	800344
THERAPON OXYRHYNCHUS	802516		802516
ISTIOPHORIDAE			803196
TETRAPTERUS ANGUSTIROSTRIS	800523	ENGRAULICYPRIIS BREVIANALIS	801217
TETRAPTERUS AUDAX	800523	LABEO ROSAE	801217
LUVARIDAE		LABEO RUBROPUNCTATUS	801217
LUVARUS IMPERIALIS	800151	LEUCISCUS BRANDTI	803189
SCOMBRIDAE		LEUCISCUS CEPHALUS	801318
RASTRELLIGER KANAGURTA	802649	LEUCISCUS RUTILUS	801554
THUNNUS ALALUNGA	800523	PELECUS CULTRATUS	803196
THUNNUS ALBACARES	800523	RUTILUS RUTILUS	800129
THUNNUS MACCOYII	800523		800543
THUNNUS OBESUS	800523		803196
PLEURONECTIDAE		SCARDINIUS ERYTHROPHthalmus	800129
KAREIUS BICOLORATUS	802516		800543
COTTIDAE			803428
COTTUS PYGMAEUS	802115	TOR TOR	
ANOPOLOMATIDAE		GYMNOTIDAE	
ANOPOLOPOMA FIMBRIA	800755	EIGENMANNIA VIRESCENS	801041
	801815	AGENENIOSIDAE	
HEXAGRAMMIDAE		AGENENIOSUS UCAYALENSIS	801041
AGRAMMUS AGRAMMUS	802516	AMPHILIIDAE	
HEXAGRAMMOS OTAKII	802516	AMPHILIUS PLATYCHIR	801217
SCORPAENIDAE		ARIIDAE	
SEBASTES MENTELLA	800997	BAGRE MARINUS	803295
SEBASTES OBLONGUS	802516	BAGRIDAE	
SEBASTODES INERMIS	802516	CHRYSICTHYS MABUSI	800245
TRIGLIDAE		CALLICHTHYIDAE	
TRIGLA HIRUNDO	802165	CORYDORAS	801041
SYNBRANCHIDAE		CLARIIDAE	
SYNBRANCHUS MARMORATUS	801041	CLARIAS GARIEPINUS	801217
BALISTIDAE		CLARIAS MELLANDI	800245
CANTHERINES MACROCERUS	801461	DORADIDAE	
CANTHERINES PULLUS	801461	OXYDORAS NIGER	801041
OSTRACIIONTIDAE		HYPOPHthalmus EDENTATUS	801041
ACANTHOSTRACION POLYGONIUS	801461	HYPOPHthalmus EDENTATUS	801041
ACANTHOSTRACION QUADRICORNIS	801461	ICTALURIDAE	
LACTOPHRYS TRIQUETER	801461	ICTALURUS PUNCTATUS	800344
TETRAODONTIDAE		LORICARIIDAE	
CANTHIGASTER ROSTRATA	801461	PTERYGOPLICHTHYS MULTIRADIATUS	801041
COLOMESUS ASELLUS	801041	MOCHOKIDAE	
ATHERINIDAE		SYNODONTIS NIGROMACULATUS	800245
ATHERINA BLEEKERI	802516	SYNODONTIS ZAMBEZENSIS	801217
CYPRINODONTIDAE		SCHILBEIDAE	
APLOCHEILICHTHYS JOHNSTONII	801217	EUTROPIUS DEPRESSIROSTRIS	801217
NOTHOBRANCHIUS ORTHONOTUS	801217	MORMYRIDAE	802659
NOTHOBRANCHIUS RACHOVII	801217	GNATHONEMUS MONTEIRII	800245
EXOCEOTIDAE		PETROCEPHALUS CATOSTOMA	801217
HEMIRAMPHUS KURUMEUS	802516	OSTEOGLOSSIDAE	
PROGNICHTHYS AGOO	802516	OSTEOGLOSSUM BICIRRHOSUM	801041
CLUPEIDAE		GADIDAE	
CLUPEA HARENGUS	800997	GADUS MORHUA	801950
	801554	MICROMESISTIUS POUTASSOU	802024
HARENGULA ZUNASI	802516	MERLUCCIIDAE	
SARDINELLA LONGICEPS	802649	MERLUCCIIUS PRODUCTUS	801815
SARDINOPS MELANOSTICTA	802516	ARGENTINIDAE	
ENGRAULIDAE		ARGENTINA SILUS	801125
ANCHIOVELLA BREVIROSTRIS	801041	ESOCIDAE	
ENGRAULIS ENCRASICHOLUS	803165	ESOX LUCIUS	800129
ENGRAULIS JAPONICA	802516		800543
ENGRAULIS MORDAX	801815		801950
ANGUILLIDAE			802353
ANGUILLA ANGUILLA	801554		802356
ANGUILLA AUSTRALIS	803235	GALAXIIDAE	
ANGUILLA DIEFFENBACHII	803235	GALAXIAS BURROWSIUS	801962
ANGUILLA JAPONICA	802516	SALANGIDAE	
ANGUILLA MARMORATA	801217	SALANGICHTHYS MICRODON	802516
ANGUILLA MOSSAMBICA	801217	OSMERIDAE	
MEGALOPIDAE		HYPOMESUS OLIDUS	802516
MEGALOPS ATLANTICA	800417		803189
ANOSTOMIDAE		OSMERUS EPERLANUS	801554
LONGIRINUS MACULATUS	801041	SALMONIDAE	
CHARACIDAE		COREGONUS	802353
ALESTES IMBERI	801217	COREGONUS AUTUMNALIS	802496
ASTYANAX FASCIATUS	801041	COREGONUS CYLINDRACEUS	803343
COLOSOMMA BIDENS	801041	HUCHO PERRYI	803189
CTENOBRYCON HAUXYELLIANUS	801041	ONCORHYNCHUS GORBUSCHA	800481
HYDROCYNUS VITTATUS	801217		800759
METYNNIS HYPSAUCHEN	801041	ONCORHYNCHUS KETA	800481
METYNNIS LIPPINCOTTIANUS	801041	ONCORHYNCHUS KISUTCH	800759
			802340

ONCORHYNCHUS NERKA	800481	ELIPIAE	800379	FEEDING (CONTINUED)
	800759	ELOPS AFFINIS		
	802342	OPHIDIIDAE		
	802349	OTOPHIDIUM SCRIPPSI	802866	
SALMO GAIRDNERII	800344	SALMONIDAE		
SALMO TRUTTA	801494	ONCORHYNCHUS KISUTCH	802402	
	803235	SALMO GAIRDNERII	803009	
SALVELINUS LEUCOMAENIS	803189	SALVELINUS FONTINALIS	801105	
SALVELINUS MALMA	802340	LARVA		
	802343	PLEURONECTIDAE		
SALVELINUS NAMAYCUSH	802353	PLEURONECTES PLATESSA	801532	
	803073	EXPERIMENTAL ANALYSIS		
THYMALLUS ARCTICUS	802496	GASTEROSTEIDAE		
THYMALLUS THYMALLUS	803075	GASTEROSTEUS ACULEATUS	801735	
	802333	BRANCHIOPODA		
YOUNG		AVAILABILITY AND USE OF FOOD		
PERCIDAE		CLUPEIDAE		
STIZOSTEDION CANADENSE	802750	ALOSA PSEUDOHARENGUS	803009	
CHANGE WITH AGE				
PERCIDAE				
PERCA FLUVIATILIS	803496			
STIZOSTEDION LUCIOPERCA	803496			
CYPRINIDAE		GRAZING		
ABRAMIS BRAMA	802447	CYPRINIDAE		
GADIDAE		EPALZEORHYNCHUS SIAMENSIS	800191	
LOTA LOTA	803496			
ESOCIDAE				
ESOX LUCIUS	803496			
SEASONAL CHANGES				
PERCIDAE		STRAINING FOR FOOD		
ACERINA CERNUA	802489	SERRANIDAE		
PERCINA CAPRODES	802736	SERRANUS TORTUGARUM	801949	
PERCA FLUVIATILIS	802489			
STIZOSTEDION LUCIOPERCA	802489			
PRIACANTHIDAE				
PRIACANTHUS MACRACANTHUS	800990			
PRIACANTHUS TAYENUS	800990	SIFTING FOR FOOD		
COTTIDAE		GOBIIDAE		
ENOPHRYS BISON	802398	BOLEOPHTHALMUS	803213	
ATHERINIDAE		MUGILOIDEI		
LABIDESTHES SICULUS	802736	MUGIL CEPHALUS	800140	
ENGRAULIDAE		GERREIDAE		
SETIPINNA GODAVARIENSIS	801928	GERRES CINEREUS	801917	
CHARACIDAE				
HYDROCYON VITTATUS	802935			
GADIDAE				
GADUS MORHUA	802489			
SALMONIDAE		PLANT EATING LARGE PLANTS		
COREGONUS HOYI	802749	DISTICHODONTIDAE		
CHANGE WITH AGE		DISTICHODUS NILOTICUS	803166	
SCIAENIDAE		DISTICHODUS ROSTRATUS	803166	
APLODINOTUS GRUNNIENS	802775	HABITAT DESTRUCTION		
		CICHLIDAE		
		TILAPIA MOSSAMBICA	803212	
		TILAPIA MELANOPLEURA	803212	
PREYING ON LARGE PREY				
CARCHARINIDAE				
GALEOCERDO CUVIERI	801949	CLEANING SYMBIOSIS		
SCOMBRIDAE		HELOSTOMATIDAE		
SCOMBEROMORUS CAVALLA	803002	HELOSTOMA TEMMINCKII	800222	
SPHYRAENOIDEI		BLENNIIDAE		
SPHYRAENA BARRACUDA	803002	RUNULA RHINORHYNCHUS	801557	
CHARACIDAE		GOBIIDAE		
SERRASALMUS NATTERERI	800568	ELACATINUS OCEANOPS	800224	
SALMONIDAE			800378	
SALMO TRUTTA	802977		801557	
			801917	
			801949	
			801949	
			801081	
PREYING ON SMALL PREY			801917	
TORPEDINIDAE			801917	
TORPEDO MARMORATA	801141		801631	
SEMIONOTOMORPHA			800553	
LEPISOSTEUS PLATOSTOMUS	802105		800224	
HOLOCENTRIDAE			800330	
HOLOCENTRUS SUBORBITALIS	800379		800378	
MYRIPRISTIS LEIOGNATHUS	800379		800749	
FISTULARIIDAE			801557	
FISTULARIA PETIMBA	800379		800336	
APOGONIDAE			801557	
APOGON RETROSELLA	800379		801557	
CARANGIDAE	800379		801557	
CARANX CRYOS	803002		800224	
CARANX HIPPOS	803002		801917	
SERIOLA DUMERILI	803002		801557	
TRACHURUS SYMMETRICUS	802402			
PERCIDAE				
PERCA FLAVESCENS	803009			
POMACENTRIDAE				
ABUDEFDUF TROSCHELLII	800379			
CHROMIS ATRILOBATA	800379			
SCIAENIDAE				
PAREQUES VIOLA	800379			
SERRANIDAE				
ALPHESTES MULTIGUTTATUS	800379			



FEEDING (CONTINUED)	SERRANIDAE		PERIOPHTHALMUS CHRYSOSPILOS	803097
	SERRANUS SCRIBA	801081	PERIOPHTHALMUS KALOLO	803097
PROTECTIVE BEHAVIOR	EXPERIMENTAL ANALYSIS		LABRIDAE	
	LABRIDAE		HEMIPTERONOTUS NOVACULA	801949
	LABROIDES PHTHIROPHAGUS	802628	SCARIDAE	
	DESCRIPTIVE EVOLUTION		CRYPTOTOMUS ROSEUS	801949
	Gobiidae		SCARUS COERULEUS	801949
	GOBIOSOMA GENIE	801920	SCARUS GUACAMAIA	801949
	GOBIOSOMA HORSTI	801920	BRANCHIOSTEGIDAE	
	GOBIOSOMA EVELYNAE	801920	MALACANTHUS PLUMIERI	801917
			OPISTOGNATHIDAE	801949
			OPISTOGNATHUS AURIFRONS	801917
BREATHING	DASYATIDAE		OPISTOGNATHUS MAXILLOSUS	800023
	POTAMOTRYGON	803432	OPISTOGNATHUS WHITEHURSTI	801949
	DIPNOI			
	LEPIDOSIREN PARADOXA	800324		
	PROTOPTERUS DOLLOI	800926		
	SYNBRANCHIDAE			
	SYNBRANCHUS	803432		
	HEMIODONTIDAE			
	CHARACIDIUM	803432		
	ELECTROPHORIDAE			
AVOIDANCE RESPONSES	ELECTROPHORUS ELECTRICUS	803432	MYXINOMORPHA	
	SALMONIDAE		MYXINE GLUTINOSA	800641
	SALMO GAIRDNERII	800722	DASYATIDAE	
			DASYATIS AMERICANA	801949
			TELEOSTEI	800545
			HOLOCENTRIDAE	803000
			ACANTHURIDAE	802201
			BLENNIIDAE	
			BLENNIUS PHOLIS	801734
			Gobiidae	
SELF PROTECTION	HEXANCHIFORMES		COTTOGOBIUS YONGEI	801789
	NOTORYNCHUS MACULATUS	802129	LABRIDAE	802201
	LAMPRIDIFORMES		CRENILABRUS MELANOCERCUS	801081
	RADIICEPHALUS ELONGATUS	800331	HEMIPTERONOTUS MARTINICENSIS	801949
			SCARIDAE	
			SPARISOMA RADIANS	801917
			SPARISOMA RUBRIPINNE	801917
			BRANCHIOSTEGIDAE	
			MALACANTHUS PLUMIERI	801949
			CARANGIDAE	
HABITAT PREFERENCE	Gobiidae	802799	DECAPTERUS PUNCTATUS	802997
	PLEURONECTIDAE		SELAR CRUMENOPHTHALMUS	802997
	PLEURONECTES PLATESSA	802908	GRAMMISTIDAE	803000
	SCORPAENIDAE	802002	PERCIDAE	
	MORMYRIDAE	802659	PERCA FLUVIATILIS	800837
	GALAXIIDAE		POMACENTRIDAE	802201
	GALAXIAS VULGARIS	801960	SOLEIDAE	
	SALMONIDAE		TRINECTES INSCRIPTUS	801949
	ONCORHYNCHUS GORBUSCHA	802861	COTTIDAE	
	ONCORHYNCHUS KETA	802861	COTTUS GOBIO	800837
HIDING	SALMO CLARKII	802864	BALISTIDAE	800012
	SALMO GAIRDNERII	802864	CLUPEIDAE	802997
	FRY		ANGUILLIDAE	
	PRIACANTHIDAE		ANGUILLA ANGUILLA	800837
	PRIACANTHUS MACRACANTHUS	802819	CONGRIDAE	
	JUVENILE		NYSTACTICHTHYS HALIS	801949
	GASTEROSTEIDAE		COBITIDAE	
	PUNGITIUS PUNGITIUS	802114	NOEMACHEILUS BARBATULUS	800837
	MUDFLATS		CYPRINIDAE	
	Gobiidae		BARBUS STOLICZKANUS	801732
SLOW FLOWING STREAMS	BOLEOPHTHALMUS BODDAERTI	803097	CYPRINUS CARPIO	800837
	CYPRINODONTIDAE		LEUCISCUS LEUCISCUS	800837
	APHYOSEMION BIVITTATUM	800678	PHOXINUS PHOXINUS	800837
	APLOCHEILICHTHYS FLAVIPINNIS	800678	RUTILUS RUTILUS	800837
	EPIPLATYS DAGETI	800678	SQUALIUS CEPHALUS	800837
	SEASONAL CHANGES		TINCA TINCA	800837
	SYNGNATHIDAE		ESOCIDAE	
	HIPPOCAMPUS ERECTUS	802995	ESOX LUCIUS	800837
	SYNGNATHUS FUSCUS	802995	SYNODONTIDAE	
	REPRODUCTION		SYNODUS INTERMEDIUS	801949
REPRODUCTION	GALAXIIDAE		SALMONIDAE	
	GALAXIAS MACULATUS	801963	SALMO TRUTTA	800837
	EXPERIMENTAL ANALYSIS		THYMALLUS THYMALLUS	800837
	LARVA		TRAWLING	
	ACANTHURIDAE		CLUPEIDAE	
	ACANTHURUS TRIOSTEGUS	802067	CLUPEA HARENGUS	802303
	JUVENILE		SCHOOLING	
	ACANTHURIDAE		ATHERINIDAE	
	ACANTHURUS TRIOSTEGUS	802212	MENIDIA MENIDIA	803003
			AVOIDANCE CONDITIONING	
SHELTER CONSTRUCTION	SALMONIDAE		SALMONIDAE	
	SALMO TRUTTA	802696	ONCORHYNCHUS KETA	803192
	SALMO GAIRDNERII	802696	EXPERIMENTAL ANALYSIS	
	SALVELINUS FONTINALIS	802696	SALMONIDAE	
			ONCORHYNCHUS NERKA	802419
			ONCORHYNCHUS KETA	802234
			MAUTHNER NEURONE	
			CYPRINIDAE	
			CARASSIUS AURATUS	803287
			TINCA TINCA	803287
DECEPTIVE ACTIONS			DEVELOPMENT	
			CYPRINIDAE	
			RUTILUS RUTILUS	803193
			ZINC	
			HEAVY METAL POLLUTANTS	
			SALMONIDAE	
			SALMO GAIRDNERII	802229

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SOCIAL BEHAVIOR  
(CONTINUED)

BELONTIIDAE TRICHOGASTER LEERI	802743
<b>FIGHTING</b>	
CICHLIDAE	
SYMPHYSDON AEQUIFASCIATA	800712
TILAPIA GUINEENSIS	800509
	801972
TILAPIA MACROCHIR	801972
TILAPIA RENDALLI	800266
TILAPIA THOLLONI	800266
TILAPIA ZILLII	803240
<b>CANNIBALISM</b>	
GOBIIDAE	
GLOSSOGOBIOUS GIURUS	801946
PERCIDAE	
PERCA FLUVIATILIS	800966
	802824
CHARACIDAE	
HYDROCYNUS VITTATUS	801217
CYPRINIDAE	
ASPIUS ASPIUS	802045
CLARIIDAE	
CLARIAS GARIEPINUS	801217
ALEPISAUROIDAE	
ALEPISAUROUS FEROX	801858
ANOTOPTERIDAE	
ANOTOPTERUS PHARAO	801858
SALMONIDAE	
SALMO SALAR	801323
EGG	
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	803329
BELONTIIDAE	
TRICHOGASTER LEERI	802742
HEXAGRAMMIDAE	
OPHIODON ELONGATUS	801067
EXPERIMENTAL ANALYSIS	
SALMONIDAE	
SALMO TRUTTA	802977
<b>GROUP BEHAVIOR</b>	
PERCIDAE	
PERCA FLUVIATILIS	802370
CYPRINIDAE	802370
EFFECT ON FISH	
RATE OF GROWTH	
POECILIIDAE	
XIPHOPHORUS HELLERII	802366
<b>AGGREGATING BEHAVIOR</b>	
CHAETODONTIDAE	
CHAETODON MILIARIS	800598
HENIOCHUS ACUMINATUS	800598
PERCIDAE	
PERCA FLUVIATILIS	802370
POMACENTRIDAE	
ABUDEFDUF TROSCHELLII	800379
CHROMIS ATRILOBATA	800379
HEXAGRAMMIDAE	
PLEUROGRAMMUS AZONUS	800760
CYPRINIDAE	802370
JUVENILE	
SALMONIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802558
SPECIES RECOGNITION	
CHAETODONTIDAE	
HOLACANTHUS ISABELITA	800581
HOLACANTHUS CILIARIS	800581
<b>SCHOOLING</b>	800914
TELEOSTEI	803246
MACRORHAMPHOSIDAE	
MACRORHAMPHOSUS GRACILIS	801858
ACANTHURIDAE	
ACANTHURUS TRIOSTEGUS	803086
NASO HEXACANTHUS	800336
	800598
GOBIIDAE	
CORYPHOPTERUS PERSONATUS	801949
CARANGIDAE	800336
	800598
	802649
CHLOROSCOMBRUS CHRYSURUS	800418
DECAPTERUS PINNULATUS	800336
SERIOLA DUMERILII	800598
SERIOLA QUINQUERADIATA	801452
TRACHUROPS CRUMENOPHTHALMUS	800336
TRACHURUS SYMMETRICUS	801610
CHAETODONTIDAE	
CHAETODON MILIARIS	800598

LUTJANIDAE	
ETELIS CARBUNCULUS	800598
LUTJANUS BOHAR	803086
LUTJANUS GIBBUS	803086
SERRANIDAE	
CAESIOPERCA THOMPSONI	800598
MORONE CHRYSOPS	801078
ROCCUS CHRYSOPS	801078
SPARIDAE	
CHRYSOPHRYS MAJOR	801452
SCOMBRIDAE	
EUTHYNNUS	802887
EUTHYNNUS AFFINIS	800336
EUTHYNNUS PELAMIS	800336
EUTHYNNUS YAITO	800598
THUNNUS	800524
	802887
SCORPAENIDAE	
SEBASTES	800923
CLUPEIDAE	
CLUPEA HARENGUS	801001
	801003
SARDINELLA LONGICEPS	802649
CYPRINIDAE	802370
PLOTOSIDAE	
PLOTOSUS ANGUILLARIS	800632
GADIDAE	
THERAGRA CHALCOGRAMMUS	800923
GALAXIIDAE	
GALAXIAS MACULATUS	801963
MYCTOPHIDAE	
CERATOSCOPELUS MADERENSIS	803262
JUVENILE	
SALMONIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802558
VERTICAL DISTRIBUTION	
SCOMBRIDAE	
SCOMBER JAPONICUS	801098
CIRCADIAN RHYTHMS	
ENGRAULIDAE	
ENGRAULIS MORDAX	801815
SEASONAL CHANGES	
PERCIDAE	
PERCA FLAVESCENS	802393
ORIENTATION TO SURFACE	
SCIAENIDAE	
SCIAENOPS OCELLATA	802994
AVOIDANCE RESPONSES	
ATHERINIDAE	
MENIDIA MENIDIA	803003
IDENTIFICATION	
SCOMBRIDAE	
EUTHYNNUS PELAMIS	800764
EUTHYNNUS ALLETTERATUS	800764
GYMNOSARDA UNICOLOR	800764
THUNNUS ALBACARES	800764
FUNCTION	
CARANGIDAE	800379
LUTJANIDAE	
LUTJANUS ARGENTIVENTRIS	800379
MULLIDAE	
MULLOIDICHTHYS DENTATUS	800379
POMADASYIDAE	800379
SCIAENIDAE	
UMBRINA XANTI	800379
CLUPEIDAE	
HARENGULA THRISSINA	800379
CYPRINIDAE	
RUTILUS RUTILUS	803193
	803290
EXPERIMENTAL ANALYSIS	
LIGHT	
CARANGIDAE	
TRACHURUS SYMMETRICUS	802384
DEVELOPMENT	
ATHERINIDAE	
MENIDIA MENIDIA	801187
MENIDIA BERYLLINA	801187
LARVA	
CLUPEIDAE	
CLUPEA HARENGUS	802233
<b>PHEROMONES</b>	
TELEOSTEI	803246
SALMONIDAE	
SALMO GAIARDNERII	802553
<b>SCHRECKSTOFFE</b>	
EXPERIMENTAL ANALYSIS	
CYPRINIDAE	
BRACHYDANIO RERIO	802685
DESCRIPTIVE EVOLUTION	
CYPRINIDAE	
BRACHYDANIO RERIO	802357
<b>GROUP EFFECT</b>	
OXYGEN CONSUMPTION	
EGG	



FRY		CENTROPRISTIS PHILADELPHICUS	802188	SOCIAL BEHAVIOR
SALMONIDAE		MORONE SAXATILIS	802764	(CONTINUED)
SALMO ISCHCHAN	802449		802875	
STRESS REACTIONS			802968	
TEMPERATURE			802970	HOME RANGE AND MIGRATIONS
SALMONIDAE			802986	
SALMO GAIRDNERII	802553		802999	
		PLECTROPLITES AMBIGUUS	803044	
		RYPTICUS MACULATUS	802188	
		SPARIDAE		
		CHRYSOPHRYS MAJOR	801851	
HOME RANGE AND HOMING		SCOMBRIDAE		
MYXINOMORPHA		SCOMBER SCOMBRUS	802006	
MYXINE GLUTINOSA	801208	THUNNUS	801880	
TELEOSTEI	802131	BOTHIDAE		
PERCIDAE		CITHARICHTHYS SPILOPTERUS	802188	
ETHEOSTOMA BLENNOIODES	800147	ETROPUS MICROSTOMUS	802188	
ETHEOSTOMA CAERULEUM	800147	SYACIUM PAPILLOSUM	802188	
ETHEOSTOMA FLABELLARE	800147	PLEURONECTIDAE		
ETHEOSTOMA NIGRUM	800147	PLEURONECTES PLATESSA	801829	
ETHEOSTOMA VARIATUM	800147		802131	
ETHEOSTOMA ZONALE	800147			
STIZOSTEDION VITREUM	800880	COTTIDAE		
	801027	COTTUS ALEUTICUS	802698	
PLEURONECTIDAE		ANOPLOPOMATIDAE		
PLEURONECTES PLATESSA	802131	ANOPLOPOMA FIMBRIA	803061	
ANOPLOPOMATIDAE		HEXAGRAMMIDAE		
ANOPLOPOMA FIMBRIA	800755	PLEUROGRAMMUS AZONUS	800760	
POECILIIDAE		SCORPAENIDAE		
POECILIA LATIPINNA	801573	SCORPAENA PLUMIERI	802188	
CLUPEIDAE		CLUPEIDAE		
CLUPEA HARENGUS	802131	ALOSA SAPIDISSIMA	803373	
ANGUILLIDAE		CLUPEA HARENGUS	800866	
ANGUILLA ANGUILLA	802131		801003	
ANGUILLA ROSTRATA	802131		801438	
CATOSTOMIDAE			801439	
ERIMYZON TENUIS	802638		801829	
CYPRINIDAE			801888	
LEUCISCUS RUTILUS	800696		801950	
ICTALURIDAE			802131	
ICTALURUS PUNCTATUS	802533		802138	
GADIDAE		HILSA ILISHA	802766	
GADUS MORHUA	802131	SARDINA PILCHARDUS	802026	
SALMONIDAE	802131	SPRATTUS SPRATTUS	802026	
ONCORHYNCHUS GORBUSCHA	801888	ENGRAULIDAE		
ONCORHYNCHUS KETA	801853	ENGRAULIS JAPONICA	800921	
ONCORHYNCHUS KISUTCH	800892	ANGUILLIDAE		
	801069	ANGUILLA	803459	
	802531	ANGUILLA ANGUILLA	801148	
ONCORHYNCHUS NERKA	802579		801637	
SALMO SALAR	801440		801829	
SALMO TRUTTA	801555		802131	
	802780	ANGUILLA JAPONICA	800762	
	802780	ANGUILLA MARMORATA	800762	
		ANGUILLA ROSTRATA	800580	
SALVELINUS FONTINALIS			801829	
EXPERIMENTAL ANALYSIS			802131	
CENTRARCHIDAE			802469	
LEPOMIS CYANELLUS	803453		802188	
SERRANIDAE		OPHICHTHIDAE		
MORONE CHRYSOPS	803453	CYPRINIDAE		
ANGUILLIDAE		CHALCABURNUS	802491	
ANGUILLA ANGUILLA	803379	CHONDROSTOMA NASUS	801390	
SALMONIDAE		IDUS IDUS	803202	
ONCORHYNCHUS TSHAWYTSCHA	802311	LABEO CYLINDRICUS	802689	
	802410	LEUCISCUS IDUS	803202	
	802410	LEUCISCUS LEUCISCUS	803202	
		VIMBA VIMBA	802491	
EFFECT ON FISH		GADIDAE		
INFRASPECIFIC VARIATION		BOREOGADUS SAIDA	801136	
SERRANIDAE		GADUS MORHUA	801829	
MORONE CHRYSOPS	801516		802131	
		TRISOPTERUS ESMARKII	801127	
		MERLUCCIIDAE		
MIGRATIONS		MERLUCCIIUS BILINEARIS	802484	
PETROMYZONTOMORPHA	801637	OPHIDIIDAE		
	803459	OPHIDION GRAYI	802188	
LAMPETRA FLUVIATILIS	803320	RISSOLA MARGINATA	802188	
TELEOSTEI	801484	GOBIESOCIFORMES		
	802131	GOBIESOX STRUMOSUS	802188	
GASTEROSTEIDAE		ESOCIDAE		
GASTEROSTEUS ACULEATUS	803459	ESOX LUCIUS	800421	
BLENIIIDAE			802972	
HYPLEUROCHILUS GEMINATUS	802188	APLOCHITONIDAE	800149	
HYPSOBLENNIUS HENTZ	802188	GALAXIIDAE	800149	
CLINIDAE		GALAXIAS ARGENTEUS	800149	
LABRISOMUS NUCHIPINNIS	802188	GALAXIAS BREVIPINNIS	800149	
GOBIIDAE		GALAXIAS DIVERGENS	800149	
GOBIUS MINUTUS	802718	GALAXIAS FASCIATUS	800149	
CARANGIDAE		GALAXIAS GRACILIS	800149	
TRACHINOTUS CAROLINUS	802188	GALAXIAS MACULATUS	801269	
TRACHINOTUS FALCATUS	802188		801963	
GERREIDAE			803235	
EUCINOSTOMUS ARGENTEUS	802188	GALAXIAS PAUCISPONDYLUS	800149	
PERCIDAE		GALAXIAS POSTVECTIS	800149	
PERCA FLUVIATILIS	803202	GALAXIAS PROGNOTHUS	800149	
STIZOSTEDION VITREUM	800880	GALAXIAS USITATUS	800149	
POMACENTRIDAE		GALAXIAS VULGARIS	800149	
ABUDEFDUF SAXATILIS	802188	NEOCHANNA APODA	800149	
ABUDEFDUF TAURUS	802188	NEOCHANNA DIVERSUS	800149	
POMADASYIDAE		RETROPINNIDAE	800149	
ANISOTREMUS SURINAMENSIS	802188	MYCTOPHIDAE		
SCIAENIDAE		CERATOSCOPELUS TOWNSENDI	802816	
MENTICIRRHUS LITTORALIS	802188	OSMERIDAE		
MICROPOGON UNDULATUS	802763	MALLOTUS VILLOSUS	801116	
UMBRINA COROIDES	802188		801117	
SERRANIDAE			801118	
CENTROPRISTES STRIATUS	802188	OSMERUS EPERLANUS	801888	
			801126	

SOCIAL BEHAVIOR (CONTINUED)	PLECOGLOSSIDAE		ANGUILLA ROSTRATA	
	PLECOGLOSSUS ALTIVELIS	803459	DESCRIPTION AND OCCURRENCE	802565
	SALMONIDAE	800768	DESCRIPTIVE EVOLUTION	
SOUND PRODUCTION	COREGONUS LAVARETUS	802131	ACIPENSEROMORPHA	802797
	COREGONUS MUKSUN	800873	SALMONIDAE	802797
	COREGONUS NASUS	800873	CALCIUM	
	ONCORHYNCHUS	800873	ION AND WATER RELATIONSHIPS	
		801829	SALMONIDAE	
		802961	SALMO SALAR	803053
		803459		
	ONCORHYNCHUS GORBUSCHA	802110		
		802555		
		802861		
ONCORHYNCHUS KETA		802965	ANADROMY	
		801853	PETROMYZONTOMORPHA	
		802109	MORDACIA MORDAX	801366
		802110	MORDACIA PRAECOX	801366
		802861	GALAXIIDAE	800976
ONCORHYNCHUS KISUTCH		802891	SALMONIDAE	
		801069	SALVELINUS MALMA	800998
		802107	DESCRIPTIVE EVOLUTION	
		802343	ACIPENSEROMORPHA	800851
		802344	SALMONIDAE	800851
	802345			
	802346			
ONCORHYNCHUS MASOU	802670			
ONCORHYNCHUS NERKA	802110			
	802343	CATADROMY		
	802426	TELEOSTEI	800173	
	803168	Gobiidae		
ONCORHYNCHUS TSHAWYTSCHA		803182	SICYDIUM BREVIFILE	800173
		801066	APLOCHITONIDAE	800149
		801978	GALAXIIDAE	800149
		802107	GALAXIAS MACULATUS	800149
		802344	RETROPINNIDAE	800149
	802345			
	802746			
SALMO GAIRDNERII	802746			
SALMO SALAR	800248			
	801480	VERTICAL MIGRATIONS		
	801694	TELEOSTEI	803099	
	801701	MELAMPHAEIDAE		
	801950	POROMITRA CRASSICEPS	801858	
	802567	ISTIOPHORIDAE		
SALMO TRUTTA		803459	MAKAIRA NIGRICANS	802191
		801555	SERRIVOMERIDAE	
		802780	SERRIVOMER SECTOR	801858
		803084	ALEPOCEPHALOIDEI	
		803339	SAGAMICHTHYS ABEI	801858
SALVELINUS ALPINUS	803083	ARGENTINIDAE	802296	
SALVELINUS FONTINALIS	801694	BATHYLAGIDAE		
	802780	BATHYLAGUS STILBIUS	801858	
	802343	MYCTOPHIDAE	802060	
	802781		802296	
	802356	DIAPHUS HOLTI	802060	
	802352	DIAPHUS RAFINESQUEI	802060	
	803075	LAMPADENA	803087	
LIPID METABOLISM		SCOPELARCHIDAE	801858	
SALINITY		CHAULIODONTIDAE		
ACIPENSEROMORPHA		CHAULIODUS MACOUNI	802296	
ACIPENSER GULDENSTAEDTI	803059	MELANOSTOMIIDAE		
ACIPENSER STELLATUS	803059	TACTOSTOMA MACROPUS	802296	
ION AND WATER RELATIONSHIPS		LARVA		
TELEOSTEI	803319	PERCIDAE		
SALMONIDAE		STIZOSTEDION LUCIOPERCA	802825	
ONCORHYNCHUS KISUTCH	803143	YOUNG		
LARVA		ANOPLOPOMATIDAE		
ACIPENSEROMORPHA		ANOPLOPOMA FIMBRIA	803161	
ACIPENSER GULDENSTAEDTI	803200	CIRCADIAN RHYTHMS		
ACIPENSER RUTHENUS	803200	GADIDAE		
HUSO HUSO	803200	LOTA LOTA	802495	
GADIDAE				
LOTA LOTA	803499			
FRY				
MUGILOIDEI				
MUGIL AURATUS	802826	SOUND PRODUCTION		
MUGIL CEPHALUS	802826	TELEOSTEI	801666	
MUGIL SALIENS	802826	HOLOCENTRIDAE		
YOUNG		HOLOCENTRUS ASCENSIONIS	800411	
SALMONIDAE		HOLOCENTRUS LACTEOGUTTATUS	800336	
ONCORHYNCHUS NERKA	802967	SYNGNATHIDAE		
ONCORHYNCHUS TSHAWYTSCHA	802767	HIPPOCAMPUS ERECTUS	801663	
	802967	LABRIDAE		
	802967	XYRICHTHYS	800411	
SALMO GAIRDNERII		CARANGIDAE		
RATE OF GROWTH		CARANX	800411	
SCALE AGE STUDY		CARANX CRYOSOS	800411	
SALMONIDAE		SERIOLA	800411	
ONCORHYNCHUS TSHAWYTSCHA	801818	CICHLIDAE		
INHERITANCE		TILAPIA MOSSAMBICA	800538	
SALMONIDAE		POMACENTRIDAE		
ONCORHYNCHUS NERKA	800359	EUPOMACENTRUS	800411	
CIRCADIAN RHYTHMS		POMADASYIDAE		
SALMONIDAE		HAEMULON ALBUM	800411	
ONCORHYNCHUS NERKA	802768	HAEMULON SCIURUS	800411	
SEASONAL CHANGES		SCIAENIDAE		
SALMONIDAE		CYNOSCION REGALIS	800411	
SALVELINUS MALMA	802340	SERRANIDAE		
NATURAL MORTALITY		EPINEPHELUS GUTTATUS	800411	
SALMONIDAE		SPARIDAE		
ONCORHYNCHUS KISUTCH	801643	LAGODON RHOMBOIDES	800411	
ABNORMALITY		TRIGLIDAE	801950	
HEART		PRIONOTUS	800411	
SALMONIDAE		BALISTIDAE	800012	
SALMO GAIRDNERII	803381	BALISTES	800411	
EXPERIMENTAL ANALYSIS		BALISTES BURSA	800336	
LIGHT		OSTRACIONTIDAE		
ANGUILLIDAE				

LACTOPHRYS TRICORNIS	800411	APISTOGRAMMA WICKLERI	801729	SOCIAL BEHAVIOR
PROCHILODONTIDAE		CICHLASOMA FESTIVUM	801047	(CONTINUED)
PROCHILODUS INSGNIS	800630	CICHLASOMA MEEKI	800185	
ARIIDAE			800237	
BAGRE MARINUS	800411		800850	REPRODUCTION
GALEICHTHYS FELIS	800411		803253	
ICTALURIDAE			803255	
ICTALURUS MELAS	800652	CICHLASOMA NIGROFASCIATUM	800527	
SISORIDAE			802503	
SYNODONTIS ZAMBEZENSIS	802689	NANNACARA ANOMALA	800855	
BATRACHOIDIFORMES			801672	
OPSANUS BETA	800411	PELMATOCHROMIS	800709	
OPSANUS PHOBETRON	800411	PELMATOCHROMIS ANNECTENS	800504	
OPSANUS TAU	800411	PELMATOCHROMIS AUREOCEPHALUS	800496	
GADIDAE	801950	PELMATOCHROMIS CAMERUNENSIS	800030	
SEASONAL CHANGES			803258	
ARIIDAE		PELMATOCHROMIS THOMASI	800019	
GALEICHTHYS FELIS	803295		800232	
BATRACHOIDIFORMES			800861	
OPSANUS BETA	803295		801667	
FEEDING			803249	
CYPRINIDAE		PSEUDOTROPHEUS AURATUS	803358	
CYPRINUS CARPIO	800838		800117	
PHOXINUS PHOXINUS	800838	PSEUDOTROPHEUS ZEBRA	801025	
		STEATOCRANUS	801025	
		SYMPHYSODON	800221	
		SYMPHYSODON DISCUS	801656	
			800110	
SOUND ANALYSIS			800536	
BALISTIDAE	800012	TILAPIA AUREA	803070	
		TILAPIA GUINEENSIS	800509	
		TILAPIA MARIAE	800547	
		TILAPIA MELANOPELURA	801217	
		TILAPIA THOLLONI	800004	
			801044	
REPRODUCTION		MONODACTYLIDAE		
AGNATHA	803246	MONODACTYLUS SEBAE	803472	
ELASMOBRANCHII	803246	NANDIDAE		
SQUALOMORPHA	800112	MONOCIRRHUS POLYACANTHUS	800500	
AMOMORPHA	803246	NEMIPTERIDAE	802819	
TELEOSTEI	801637	PERCIDAE		
	803246	STIZOSTEDION VITREUM	801437	
GASTEROSTEIDAE		POMACENTRIDAE		
GASTEROSTEUS ACULEATUS	800024	AMPHIPRION PERCULA	800412	
	800229		801335	
SYNGNATHIDAE		AMPHIPRION XANTHURUS	800412	
CORYTHOICHTHYS ALBIROSTRIS	801949		801335	
HIPPOCAMPUS	800212	PREMNAS BIACULEATUS	800016	
HIPPOCAMPUS GUTTULATUS	800192	POMADASYIDAE		
PENETOPTERYX NANUS	801949	POMADASYUS FURCATUS	802649	
SYNGNATHUS ELUCENS	801949	SCIAENIDAE		
SYNGNATHUS PELAGICUS	801949	CYNOSCION NOBILIS	803096	
ANABANTIDAE		OTOLITHOIDES BRUNNEUS	802649	
CTENOPOMA NANUM	800020	PSEUDOSCIENA DIACANTHUS	802649	
BELONTIIDAE		SERRANIDAE		
BETTA SPLENDENS	800124	MORONE CHRYSOPS	801078	
	800184		801437	
	801367	MORONE SAXATILIS	801437	
COLISA FASCIATA	801662		802764	
COLISA LABIOSA	801725		802880	
MACROPODUS CUPANUS	801275		801078	
MACROPODUS OPERCULARIS	800226	ROCCUS CHRYSOPS	802649	
	800844	POLYNEMOIDEI		
TRICHOASTER MICROLEPIS	800854	SCOMBRIDAE		
TRICHOASTER TRICHOPTERUS	800193	EUTHYNNUS AFFINIS	802819	
TRICHOPSIS VITTATUS	800534	RASTRELLIGER KANAGURTA	802649	
	803271	TRICHIURIDAE		
HELOSTOMATIDAE		TRICHIURUS LEPTURUS	802649	
HELOSTOMA TEMMINCKII	800222	STROMATEIDAE		
	800271	PAMPUS ARGENTEUS	802649	
OSPHRONEMIDAE		CYNOGLOSSIDAE		
OSPHRONEMUS GORAMY	803471	CYNOGLOSSUS SEMIFASCIATUS	802649	
Gobiidae		PLEURONECTIDAE		
BATHYGobiUS SOPORATOR	803246	HIPPOGLOSSUS STENOLEPIS	801221	
BRACHYGobiUS DORIAE	801271	PLEURONECTES PLATESSA	802131	
BRACHYGobiUS NUNUS	801271	COTTIDAE		
GLOSSOGobiUS GIURIS	802689	COTTUS ALEUTICUS	802698	
GobiUS MICROPS	801637	ANOPLOPOMATIDAE		
PERCOTTUS GLEHNI	801020	ANOPLOPOMA FIMBRIA	803161	
SICYDIUM BREVIFILE	800173	SCORPAENIDAE		
LABRIDAE		SEBASTES MENTELLA	800997	
CRENILABRUS MELOPS	801571	TRIACANTHIDAE	801918	
APOGONIDAE		ATHERINIDAE		
APOGON IMBERBIS	800548	BEDOTIA GEAYI	800230	
CARANGIDAE	802649	LEURESTHES TENUIS	801704	
CENTRARCHIDAE			801747	
ELASSOMA EVERGLADEI	800029	PSEUDOMUGIL SIGNIFER	800862	
	800312	CYPRINODONTIDAE		
	801635	APHYOSEMION	800102	
	801043	APHYOSEMION AHLI	801630	
ENNEACANTHUS CHAETODON		APHYOSEMION CALLIURUM	802275	
LEPOMIS GIBBOSUS X		APHYOSEMION EXIGUUM	801630	
LEPOMIS CYANELLUS X	802779	APHYOSEMION NIGERIANUM	800506	
LEPOMIS MACROCHIRUS	801437	APHYOSEMION OBSCURUM	801630	
LEPOMIS MACROCHIRUS X		APHYOSEMION ROLOFFII	800239	
LEPOMIS CYANELLUS X	802779		803252	
MICROPTERUS DOLOMIEUI	801437	APLOCHEILICHTHYS FLAVIPINNIS	800317	
MICROPTERUS SALMOIDES	801437	APLOCHEILUS LINEATUS	800470	
	803049	AUSTROFUNDULUS DOLICHOPTERUS	800220	
CENTROPOMIDAE		EPIPLATYS ANNULATUS	801632	
CHANDA LALA	800801	NOTHOBRANCHIUS	800529	
LATES CALCARIFER	802649	NOTHOBRANCHIUS RACHOVII	800539	
CICHLIDAE	802689	PTEROLEBIAS PERUENSIS	800498	
AEQUIDENS CURVICEPS	800864		801718	
AEQUIDENS PULCHER	800414		800549	
	800858	RIVULUS HOLMIAE	801679	
APISTOGRAMMA AMOENUS	800501		801331	
APISTOGRAMMA REITZIGI	800099	RIVULUS MILESII	801727	
APISTOGRAMMA TRIFASCIATUM	800537			



SOCIAL BEHAVIOR (CONTINUED)	ORYZIATIDAE		GALAXIAS MACULATUS	800149
	ORYZIAS LATIPES	800809	GALAXIAS VULGARIS	801960
	POECILIIDAE	801332	HARPADONTIDAE	
REPRODUCTION	POECILIA RETICULATA	803261	HARPADON NEHEREUS	802649
	BELONIDAE		MYCTOPHIDAE	802060
	STRONGYLURA STRONGYLURA	802649	LOBIANCHIA DOFLEINI	802060
	EXOCOETIDAE		OSMERIDAE	
	CYPSELURUS	802649	MALLOTUS VILLOSUM	801121
	DERMOGENYS PUSILLUS	800387	OSMERUS EPERLANUS	800873
	SCOMBERESOCIDAE			801126
	COLOLABIS SAIRA	800693		802547
	CLUPEIDAE		SALMONIDAE	801437
	ALOSA PSEUDOHARENGUS	801881		802131
	ALOSA SAPIDISSIMA	801810	COREGONUS AUTUMNALIS	802828
	CLUPEA HARENGUS	800997	COREGONUS PELED	800873
		802131	HUCHO HUCHO	803292
	SARDINA PILCHARDUS	801906	ONCORHYNCHUS NERKA	802531
	SARDINELLA LONGICEPS	802649	ONCORHYNCHUS TSHAWYTSCHA	801978
	ANGUILLIDAE		SALMO GAIRDNERII	800070
	ANGUILLA ANGUILLA	802131	SALMO ISCHCHAN	801517
	ANGUILLA ROSTRATA	801437	SALMO TRUTTA	803339
		802131	THYMALLUS THYMALLUS	803075
	CHARACIDAE		SKELETON AGE STUDY	
	APHYOCHARAX RUBRIPINNIS	801670	ACIPENSEROMORPHA	
		803280	ACIPENSER TRANSMONTANUS	802599
	CHEIRODON AXELRODI	800540	SEASONAL CHANGES	
		801214	BIOCHEMICAL BLOOD CONSTITUENTS	
	GYMNOCORYMBUS TERNETZI	800027	SALMONIDAE	
		800094	ONCORHYNCHUS GORBUSCHA	801820
	HEMIGRAMMUS HYANUARY	800273	BIOCHEMISTRY	
	HEMIGRAMMUS MARGINATUS	800391	LIVER	
	HEMIGRAMMUS NANUS	801077	SALMONIDAE	
	HYDROCYNUS VITTATUS	802689	ONCORHYNCHUS GORBUSCHA	801887
	HYPHESOBRYCON HERBERTAXELRODI	800376	FUNCTION	
		800533	NEUROSECRETION IN BRAIN	
	METYNNIS SCHREITMUELLERI	801661	ADENOHYPOPHYSIS	
	NEMATOBRYCON PALMERI	800005	GOBIIDAE	
		801636	GOBIUS MELANOSTOMUS	802810
	PHENACOGRAMMUS INTERRUPTUS	800315	EXPERIMENTAL ANALYSIS	
	PYRRHULINA METAE	801464	CICHLIDAE	
	THAYERIA BOEHLKEI	800863	ETROPLUS MACULATUS	800545
	LEBIASINIDAE		EFFECT ON FISH	
	NANNOSTOMUS EQUES	800314	CORTICAL HORMONES	
	NANNOSTOMUS MARGINATUS	800541	SALMONIDAE	
	COBITIDAE		ONCORHYNCHUS NERKA	801741
	BOTIA MODESTA	801724		
	CYPRINIDAE			
	ABRAMIS BRAMA	802150		
	BARBUS ARULIUS	801396		
		803257	SEX RECOGNITION	
	BARBUS HOLUBI	802254	CICHLIDAE	
		802689	TILAPIA NILOTICA	803238
	BARBUS NIGROFASCIATUS	802198	POECILIIDAE	
	BARBUS PENTAZONA	800388	POECILIA SPHENOPS	801168
	BARBUS TETRAZONA	800853		
	BLICCA BJOERKNA	802030		
	BRACHYDANIO FRANKI	800228		
	CATLA CATLA	803293		
	CHROSOMUS ERYTHROGASTER	802066		
	LABEO BICOLOR	800108		
		800285		
		800291		
	LEUCISCUS IDUS	801500		
	NOTEMIGONUS CRYSOLEUCAS	803247		
	PIMEPHALES PROMELAS	803247		
	PLATYTROCTES APUS	802198		
	PUNTIUS CONCHONIUS	800107		
	RASBORA HETEROMORPHA	800522		
	RASBORA MACULATA	803386		
	RASBORA UROPHTHALMA	803386		
	RHODEUS SERICEUS	803259		
	RUTILUS RUTILUS	801322		
		802030		
	SCARDINIUS ERYTHROPHthalmus	802030		
	AMPHILIIDAE	801217		
	CALlichthyidae			
	CORYDORAS	802710		
	CORYDORAS HASTATUS	800318		
	CORYDORAS PALEATUS	800846		
	CORYDORAS PYGMAEUS	800318		
	CORYDORAS SCHULTZEI	800659		
	HOPLOSTERNUM THORACATUM	802499		
	CLARIIDAE			
	CLARIAS BATRACHUS	802081		
	CLARIAS GARIEPINUS	802689		
	CLARIAS MACROCEPHALUS	802081		
	CLARIAS MELLANDI	800245		
	LORICARIIDAE			
	LORICARIA	802710		
	XENOCARA	802710		
	MORMYRIDAE			
	GNATHONEMUS MONTEIRII	800245		
	OSTEOGLOSSIDAE			
	OSTEOGLOSSUM BICIRRHOSUM	800104		
	OSTEOGLOSSUM FERREIRAI	800104		
	GADIDAE			
	GADUS MORHUA	802131		
	MICROGADUS TOMCOD	800277		
	MICROMESISTIUS POUTASSOU	801982		
	TRISOPTERUS ESMARKII	802143		
	ESOCIDAE			
	ESOX	801437		
	UMBRIDAE			
	UMBRA KRAMERI	801368		
	GALAXIIDAE			
	GALAXIAS ATTENUATUS	801270		
	GALAXIAS BURROWSIUS	801962		
			BELONTIIDAE	
			BETTA SPLENDENS	803460
				803466

	GOBIIDAE		DISTRIBUTION WITHIN HABITAT		SOCIAL BEHAVIOR
	BATHYGOBIUS SOPORATOR	803460	PERCIDAE		(CONTINUED)
	CICHLIDAE	803460	PERCA FLUVIATILIS	803202	
	POECILIIDAE	803460	CYPRINIDAE		
	POECILIA RETICULATA	801771	IDUS IDUS	803202	REPRODUCTION
	ADENOHYPOPHYSIS		LEUCISCUS IDUS	803202	
	CICHLIDAE		LEUCISCUS LEUCISCUS	803202	
	AEQUIDENS PORTALEGRENSIS	803146	SALMONIDAE		
	TESTIS		COREGONUS PELED	803199	
	POECILIIDAE		DEVELOPMENT		
	XIPHOPHORUS MACULATUS	802679	BELONTIIDAE		
	DESCRIPTIVE EVOLUTION		BETTA SPLENDENS	801374	
	CYPRINODONTIDAE				
	FLORIDICHTHYS CARPIO	800381			
	JORDANELLA FLORIDAE	800381			
	POECILIIDAE				
	XIPHOPHORUS	801733	NEST CONSTRUCTION		
			GASTEROSTEIDAE		
			GASTEROSTEUS WHEATLANDI	802608	
			BELONTIIDAE	801629	
			BETTA SPLENDENS	801046	
				801374	
			COLISA	801046	
			MACROPODUS OPERCULARIS	803419	
			TRICHOGASTER LEERI	802742	
			GOBIIDAE	803162	
			PERIOPHTHALMODON SCHLOSSERI	803213	
			PERIOPHTHALMUS CHRYSOSPILOS	803213	
			PERIOPHTHALMUS KALOLO	803213	
			PERIOPHTHALMUS SOBRINUS	803213	
			CENTRARCHIDAE		
			LEPOMIS CYANELLUS	802992	
			POMOXIS ANNULARIS	802724	
			CICHLIDAE		
			PELMATOCHROMIS	800709	
			TILAPIA ALCALICA	800711	
			TILAPIA GRAHAMI	800685	
				800711	
			TILAPIA RUKWAENSIS	800711	
			TILAPIA VARIABILIS	800711	
			CLARIIDAE		
			CLARIAS BATRACHUS	802081	
			CLARIAS MACROCEPHALUS	802081	
			SALMONIDAE		
			ONCORHYNCHUS NERKA	800010	
				802531	
			SALMO GAIRDNERII	802697	
			SALVELINUS MALMA	800998	
			TERRITORIALITY		
			CYPRINIDAE		
			PIMEPHALES NOTATUS	802534	
			EXPERIMENTAL ANALYSIS		
			GASTEROSTEIDAE		
			GASTEROSTEUS ACULEATUS	802214	
				803460	
			BELONTIIDAE		
			BETTA SPLENDENS	800776	
			CICHLIDAE	803460	
			WATER MOVEMENT		
			SALMONIDAE	802962	
			PARENTAL CARE OF EGGS		
			BELONTIIDAE		
			MACROPODUS OPERCULARIS	803419	
			TRICHOGASTER LEERI	802742	
			GOBIIDAE		
			CORYPHOPTERUS GLAUCOFRAENUM	801949	
			LABRIDAE		
			CRENILABRUS MELOPS	801571	
			ACANTHOCLINIDAE		
			ACANTHOCLINUS QUADRIDACTYLUS	803215	
			CICHLIDAE		
			SYMPHYSODON	801656	
			TILAPIA RENDALLI	800266	
			TILAPIA THOLLONI	800266	
			POMACENTRIDAE	800556	
			ABUDEDFUF SAXATILIS	801710	
			EUPOMACENTRUS PARTITUS	801949	
			HYPSPOPS RUBICUNDA	800777	
			DACTYLOSCOPIDAE		
			DACTYLOSCOPUS TRIDIGITATUS	801949	
			COTTIDAE		
			MYOXOCEPHALUS QUADRICORNIS	803077	
			HEXAGRAMMIDAE		
			OPHIODON ELONGATUS	801067	
			CYPRINODONTIDAE		
			JORDANELLA FLORIDAE	800381	
			FUNCTION		
			EXPERIMENTAL ANALYSIS		
			CENTRARCHIDAE		
			MICROPTERUS SALMOIDES	802840	
			EXPERIMENTAL ANALYSIS		
			GASTEROSTEIDAE		
			GASTEROSTEUS ACULEATUS	803460	
			CICHLIDAE	803460	
			CICHLASOMA NIGROFASCIATUM	800782	
			ADENOHYPOPHYSIS		
			CICHLIDAE		
			AEQUIDENS PORTALEGRENSIS	803146	
			PROLACTIN		
			CICHLIDAE		
			PTEROPHYLLUM SCALARE	802528	
			DEVELOPMENT		
			BELONTIIDAE		
			</		

SOCIAL BEHAVIOR (CONTINUED)	BETTA SPLENDENS	801374	PAVLOVIAN CONDITIONING	
BEHAVIOR IN EXPERIMENTS			CYPRINIDAE	
			CARASSIUS AURATUS	803050
			ELECTRIC ORGANS	
			MORMYRIDAE	803446
ORAL BROODING			CONDITIONED AUTONOMIC RESPONSES	
APOGONIDAE			CYPRINIDAE	
APOGON IMBERBIS	800548		CARASSIUS AURATUS	800795
APOGON MACULATUS	801949			801384
APOGON PSEUDOMACULATUS	801949			
ASTRAPOGON STELLATUS	801949			
CICHLIDAE	801024		BRAIN INJURY	
CHETIA BREVIS	801793		THALAMUS	
PELMATOCHROMIS	800709		CYPRINIDAE	
PELMATOCHROMIS GUENTHERI	800125		CARASSIUS AURATUS	803445
PSEUDOTROPHEUS AURATUS	800383		EXPERIMENTAL ANALYSIS	
	801025		TEMPERATURE	
PSEUDOTROPHEUS ZEBRA	801025		CYPRINIDAE	
SERRANOCHROMIS MERIDIANUS	801217		CARASSIUS AURATUS	803447
TILAPIA BUSUMANA	802624			
TILAPIA GALILAEA	803110			
TILAPIA GRAHAMI	800685			
TILAPIA MACROCHIR	803110			
TILAPIA MOSSAMBICA	801217			
	803110			
	803239			
TILAPIA NILOTICA			AVOIDANCE CONDITIONING	
OPISTOGNATHIDAE			BELONTIIDAE	
OPISTOGNATHUS WHITEHURSTI	801949		MACROPODUS OPERCULARIS	803091
OSTEOGLOSSIDAE			PERCIDAE	
OSTEOGLOSSUM BICIRRHOSUM	800104		ACERINA CERNUA	800962
EXPERIMENTAL ANALYSIS			STIZOSTEDION SANDRA	800962
CICHLIDAE			POECILIIDAE	
TILAPIA NILOTICA	803418		POECILIA FORMOSA	803449
TILAPIA HEUDELLOTI	803418		CYPRINIDAE	
DESCRIPTIVE EVOLUTION			CARASSIUS AURATUS	801774
CICHLIDAE	800269			802267
TILAPIA	800389			803102
				803243
				803289
				803444
PARENTAL CARE OF YOUNG			SALMONIDAE	
CICHLIDAE			ONCORHYNCHUS KETA	802234
PTEROPHYLLUM SCALARE	801195		ELECTRIC ORGANS	
SYMPHYSDON	801656		MORMYRIDAE	
TILAPIA	803371		GNATHONEMUS	801770
TILAPIA THOLLONI	800266		VISUAL SENSES	
OSTEOGLOSSIDAE			EAR FUNCTIONS	
HETEROTIS NILOTICUS	803371		SPARIDAE	
EXPERIMENTAL ANALYSIS			LAGODON RHOMBOIDES	803350
CICHLIDAE			BRAIN INJURY	
TILAPIA MARIAE	800269		THALAMUS	
TILAPIA NILOTICA	800269		CYPRINIDAE	
	803418		CARASSIUS AURATUS	803445
TILAPIA GALILAEA	800269		MEMORY MECHANISMS	
TILAPIA THOLLONI	800269		CHEMICAL BRAIN TREATMENT	
	803418		CYPRINIDAE	
TILAPIA HEUDELLOTI	800269		CARASSIUS AURATUS	803449
TRISTRAMELLA SIMONIS	803418		EXPERIMENTAL ANALYSIS	
PROLACTIN	800269		TEMPERATURE	
CICHLIDAE			CYPRINIDAE	
PTEROPHYLLUM SCALARE	802528		CARASSIUS AURATUS	803447
PARTURITION			INSTRUMENTAL CONDITIONING	
ORECTOLOBIDAE			TELEOSTEI	803095
GINGLYMOSTOMA CIRRATUM	803464		BELONTIIDAE	
EMBIOTOCIDAE			BETTA SPLENDENS	803101
CYMATOGASTER AGGREGATA	801259		CHAETODONTIDAE	
POECILIIDAE			MICROCANTHUS STRIGATUS	801645
POECILIA RETICULATA	800026		CICHLIDAE	
	803362		TILAPIA HEUDELLOTI	803454
EXOCOETIDAE			OPLEGNATHIDAE	
DERMOGENYS PUSILLUS	803363		OPLEGNATHUS FASCIATUS	801645
HEMIRHAMPHODON POGONOGNATHUS	803363		SERRANIDAE	
			EPINEPHELUS STRIATUS	801949
			POECILIIDAE	
			POECILIA RETICULATA	800551
			CYPRINIDAE	
			CARASSIUS AURATUS	800464
				801413
				803264
				803438
				803454
				803095
ATTRACTION TO PARENTS			SCARDINIUS ERYTHROPHthalmus	
EXPERIMENTAL ANALYSIS			MALAPTERURIDAE	
CICHLIDAE			MALAPTERURUS ELECTRICUS	800677
NANNACARA ANOMALA	800546		CHANIDAE	
TILAPIA NILOTICA	803418		CHANOS CHANOS	801402
TILAPIA THOLLONI	803418		SALMONIDAE	
TILAPIA HEUDELLOTI	803418		ONCORHYNCHUS KETA	802234
ORAL BROODING			CHEMICAL SENSITIVITY AND ACUITY	
CICHLIDAE			CYPRINIDAE	
HEMIHAPLOCHROMIS MULTICOLOR	803121		CARASSIUS AURATUS	803442
TILAPIA NILOTICA	803121		CYPRINUS CARPIO	803442
EFFECTS OF EXPERIENCE			DRIVE OR MOTIVATION	
CICHLIDAE			GASTEROSTEIDAE	
TILAPIA GALILAEA	803110		GASTEROSTEUS ACULEATUS	803452
TILAPIA GUINEENSIS	803110			
TILAPIA MACROCHIR	803110			
TILAPIA MOSSAMBICA	803110			
TRAINING TECHNIQUES			OPERANT CONDITIONING	
COMPENSATION FOR SWIMMING IMPEDIMENT			ELECTRIC ORGANS	
CYPRINIDAE			GYMNOTIDAE	
CARASSIUS AURATUS	803107		GYMNOTUS	803446



MORMYRIDAE GNATHONEMUS	803446	ELECTRIC BRAIN STIMULATION LABRIDAE CENTRARCHIDAE LEPOMIS GIBBOSUS	800635 800635	BEHAVIOR IN EXPERIMENTS (CONTINUED)
SELFREGULATION OF FOOD INTAKE CYPRINIDAE CARASSIUS AURATUS	803448	CHEMICAL BRAIN TREATMENT CYPRINIDAE CARASSIUS AURATUS RNA CONTENT AND FUNCTION CYPRINIDAE CARASSIUS AURATUS	800825 803450	
SELFREGULATION OF WATER TEMPERATURE CYPRINIDAE CARASSIUS AURATUS	803448			
PARTIAL REINFORCEMENT CONDITIONING CICHLIDAE TILAPIA HEUDELOTI CYPRINIDAE CARASSIUS AURATUS	803103 803090 803103 803454	PSYCHEDELIC DRUG TREATMENT EFFECT ON FISH ORIENTATION TO SURFACE CYPRINODONTIDAE FUNDULUS AMPHETAMINE CYPRINIDAE CARASSIUS AURATUS	802976 801489	
EXTINCTION OF CONDITIONED RESPONSE CYPRINIDAE CARASSIUS AURATUS AVOIDANCE CONDITIONING CYPRINIDAE CARASSIUS AURATUS	803264 803349	ELECTROENCEPHALOGRAPHIC STUDIES CYPRINIDAE CARASSIUS AURATUS	800357	
REVERSAL LEARNING CICHLIDAE TILAPIA HEUDELOTI MORMYRIDAE GNATHONEMUS	800362 803454 801770	BEHAVIOR GENETICS ORIENTATION TO FLOATING OBJECTS CICHLIDAE TILAPIA NILOTICA X TILAPIA HEUDELOTI X	800269	
EXTINCTION OF CONDITIONED RESPONSE CICHLIDAE TILAPIA HEUDELOTI CYPRINIDAE CARASSIUS AURATUS	803454 803090 803454	FIXED ACTION PATTERNS TELEOSTEI BELONTIIDAE BETTA SPLENDENS EXPERIMENTAL ANALYSIS INFRASPECIFIC VARIATION TELEOSTEI	803440 800542 803451	
PARTIAL REINFORCEMENT CONDITIONING AVOIDANCE CONDITIONING CYPRINIDAE CARASSIUS AURATUS	803349	OPTOMOTOR RESPONSE CICHLIDAE HEMICHROMIS BIMACULATUS POECILIIDAE POECILIA RETICULATA EXPERIMENTAL ANALYSIS DESCRIPTIVE EVOLUTION TELEOSTEI DEVELOPMENT ORYZIATIDAE ORYZIAS LATIPES	801363 801363 803440 801607	
DETOUR LEARNING CICHLIDAE HEMICHROMIS HEMICHROMIS BIMACULATUS CYPRINIDAE CARASSIUS AURATUS CARASSIUS CARASSIUS CYPRINUS CARPIO PHOXINUS PHOXINUS	801149 801597 801149 801597 801149 801597 801597	APPETITIVE AND CONSUMMATORY BEHAVIOR GASTEROSTEIDAE GASTEROSTEUS ACULEATUS	801735	
MULTIPLE CHOICE TESTING GYMNOTIFORMES MORMYRIDAE	802944 802944	INTRASPECIFIC COMMUNICATION EXPERIMENTAL ANALYSIS CHEMICAL SENSES ICTALURIDAE ICTALURUS DESCRIPTIVE EVOLUTION AGNATHA ELASMOBRANCHII AMIO MORPHA TELEOSTEI	803282 803246 803246 803246 803246	
EFFECTS OF ISOLATION GASTEROSTEIDAE GASTEROSTEUS ACULEATUS EFFECT ON FISH TELEOSTEI	803452 800545	INTERSPECIFIC COMMUNICATION AGNATHA ELASMOBRANCHII TELEOSTEI	803246 803246 803246	
NERVOUS SYSTEM INTERFERENCE TECHNIQUES TELEOSTEI	803092	VISUAL SIGNALS TELEOSTEI BELONTIIDAE MACROPODUS OPERCULARIS EXPERIMENTAL ANALYSIS FRY	803246 803419	
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	TILAPIA NILOTICA	803418	INSTRUMENTAL CONDITIONING		
	TILAPIA THOLLONI	803418	GASTEROSTEIDAE		
PATHOLOGY AND PARASITISM	COURTSHIP		GASTEROSTEUS ACULEATUS	803452	
	GASTEROSTEIDAE		EXPERIMENTAL ANALYSIS		
	GASTEROSTEUS ACULEATUS	802214	BELONTIIDAE		
			TRICHOGASTER LEERI	802743	
AURAL SIGNALS	ELASMOBRANCHII	803246	CNS INTEGRATION		
	TELEOSTEI	803246		TELEOSTEI	803440
	NAIVE RESPONSES TO STIMULI			TELENCEPHALON	
	CARCHARHINIDAE			TELEOSTEI	803443
	CARCHARHINUS	802409			
	RHIZOPRIONODON	802409			
	ORECTOLOBIDAE		INTEROCULAR TRANSFER		
	GINGLYMOSTOMA CIRRATUM	802409		CYPRINIDAE	
	LUTJANIDAE	802409		CARASSIUS AURATUS	802269
	POMADASYIDAE				803444
	HAEMULON ALBUM	802409		AVOIDANCE CONDITIONING	
	SERRANIDAE	802409	CYPRINIDAE		
			CARASSIUS AURATUS	803439	
			EXPERIMENTAL ANALYSIS		
			CYPRINIDAE		
		CARASSIUS AURATUS	802267		
EFFECTS OF EXPERIENCE	AVOIDANCE RESPONSES		CNS STRUCTURAL CORRELATES OF BEHAVIOR		
	LARVA			TELEOSTEI	803451
	CYPRINIDAE				
	RUTILUS RUTILUS	803193			
	PARENTAL CARE OF EGGS				
	CICHLIDAE	803460			
	EXPERIMENTAL ANALYSIS		DOMINANCE SOCIAL HIERARCHY		
	ATTRACTION TO PARENTS			BELONTIIDAE	
	CICHLIDAE			BETTA SPLENDENS	801769
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	TILAPIA GUINEENSIS	803110		SALMO GAIRDNERII	802696
	TILAPIA MACROCHIR	803110	SALMO TRUTTA	802696	
	TILAPIA MOSSAMBICA	803110		802696	
			SALVELINUS FONTINALIS		
			JUVENILE		
		SALMONIDAE			
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		LEPOMIS CYANELLUS	801768		
		STARVATION			
		JUVENILE			
		SALMONIDAE			
		SALMO SALAR	802577		
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	TILAPIA MACROCHIR	803110		BIBLIOGRAPHY	
	TILAPIA MOSSAMBICA	803110		SALMONIDAE	
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	TILAPIA NILOTICA	803418		PLEURONECTIDAE	
	TILAPIA THOLLONI	803418		GLYPTOCEPHALUS STELLERI	800918
	TILAPIA HEUDELOTI	803418		AXIAL SKELETAL MUSCLES	
				SALMONIDAE	
			ONCORHYNCHUS KISUTCH	802960	
			KIDNEY		
			SALMONIDAE		
			ONCORHYNCHUS KETA	802955	
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	ACERINA CERNUA	800962		XIPHOPHORUS HELLERII X	800787
	STIZOSTEDION SANDRA	800962	INHERITANCE		
	FRY		POECILIIDAE		
	COLOR VISION		XIPHOPHORUS MACULATUS X		
	CICHLIDAE		XIPHOPHORUS HELLERII X	801463	
	TILAPIA NILOTICA	803418	ULTRASTRUCTURE		
	TILAPIA THOLLONI	803418	ADENOHYPOPHYSIS		
			POECILIIDAE		
			XIPHOPHORUS MACULATUS	801163	
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			XIPHOPHORUS HELLERII	800639	
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				ACIPENSER STURIO	800644

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<b>GAS BUBBLE DISEASE</b>						
TELEOSTEI		<b>802092</b>				
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SYNODONTIS SCHALL		<b>801167</b>				
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TILAPIA MOSSAMBICA		<b>800057</b>				
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PERCIDAE						
ASPRO STREBER		<b>801012</b>				
PERCA FLUVIATILIS		<b>801012</b>				
PLEURONECTIDAE						
PLEURONECTES PLATESSA		<b>801950</b>				
COTTIDAE						
COTTUS GOBIO		<b>800837</b>				
		<b>801012</b>				
POECILIIDAE						
POECILIA RETICULATA		<b>800733</b>				
ANGUILLIDAE						
ANGUILLA ANGUILLA		<b>800837</b>				
CATOSTOMIDAE						
CATOSTOMUS COMMERSONI		<b>800950</b>				
COBITIDAE						
MISGURNUS FOSSILIS		<b>801012</b>				
NOEMACHEILUS BARBATULUS		<b>800837</b>				
		<b>801012</b>				
CYPRINIDAE		<b>801012</b>				
CYPRINUS CARPIO		<b>800837</b>				
LEUCISCUS LEUCISCUS		<b>800837</b>				
PHOXINUS PHOXINUS*		<b>800837</b>				
RUTILUS RUTILUS		<b>800837</b>				
SQUALIUS CEPHALUS		<b>800837</b>				
TINCA TINCA		<b>800837</b>				
ICTALURIDAE						
ICTALURUS NEBULOSUS		<b>801012</b>				
GADIDAE						
LOTA LOTA		<b>801012</b>				
ESOCIDAE						
ESOX LUCIUS		<b>800837</b>				
		<b>800950</b>				
SALMONIDAE						
SALMO GAIRDNERII		<b>800361</b>				
SALMO TRUTTA		<b>800837</b>				
THYMALLUS THYMALLUS		<b>800837</b>				
		<b>801012</b>				
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SALMONIDAE						
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ONCORHYNCHUS TSHAWYTSCHA		<b>802297</b>				
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ICTALURIDAE						
ICTALURUS PUNCTATUS		<b>802280</b>				
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SALMONIDAE						
SALMO SALAR		<b>802205</b>				
SALMO TRUTTA		<b>802205</b>				
ION AND WATER RELATIONSHIPS						
TELEOSTEI		<b>803456</b>				
ADRENALINE						
NORADRENALINE						
SALMONIDAE						
SALMO GAIRDNERII		<b>802307</b>				
BIOCHEMICAL BLOOD CONSTITUENTS						
SCORPAENIDAE						
SEBASTISCUS MARMORATUS		<b>801847</b>				
EXERCISE						
CORYPHAENIDAE						
CORYPHAENA HIPPIURUS		<b>802554</b>				
ISTIOPHORIDAE						
TETRAPTERUS AUDAX		<b>802554</b>				
SCOMBRIDAE						
EUTHYNNUS LINEATUS		<b>802554</b>				
SCOMBEROMORUS SIERRA		<b>802554</b>				
SPHYRAENOIDEI						
SPHYRAENA ENSIS		<b>802554</b>				
TEMPERATURE						
CICHLIDAE						
ETROPLUS MACULATUS		<b>802157</b>				
CYPRINIDAE						
CIRRHIINA REBA		<b>802157</b>				
SALMONIDAE						
SALMO GAIRDNERII		<b>802553</b>				
EXPERIMENTAL ANALYSIS						
SALMONIDAE						
SALMO GAIRDNERII		<b>800570</b>				
BIOCHEMISTRY						
TELEOSTEI		<b>800985</b>				
GADIDAE						
GADUS MORHUA		<b>802395</b>				
EXPERIMENTAL ANALYSIS						
CARANGIDAE						
SERIOLA QUINQUERADIATA		<b>800899</b>				
TRACHURUS JAPONICUS		<b>800898</b>				
SERRANIDAE						
EPINOPHELUS SEPTEMFASCIATUS		<b>800899</b>				
BALISTIDAE						
STEPHANOLEPIS CIRRHIFER		<b>800899</b>				
TETRAODONTIDAE						
FUGU VERMICULARIS		<b>800899</b>				
SALMONIDAE						
SALMO GAIRDNERII		<b>800899</b>				
ADRENAL CORTEX						
RAJIDAE						
RAJA RADIIATA		<b>802597</b>				
SALMONIDAE						
SALMO GAIRDNERII		<b>801293</b>				
INSECTICIDE POLLUTANTS						
SALMONIDAE						
SALVELINUS FONTINALIS		<b>802580</b>				
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SALMO ISCHCHAN		<b>803325</b>				
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SALMO SALAR		<b>800983</b>				
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SALMONIDAE						
SALMO GAIRDNERII		<b>802865</b>				
FURUNCULOSIS DISEASE						
SALMONIDAE						
SALVELINUS FONTINALIS		<b>802602</b>				
ULCER DISEASE						
SALMONIDAE						
SALMO TRUTTA		<b>803242</b>				
SALMO SALAR		<b>803242</b>				
<b>MASS MORTALITIES</b>					<b>802649</b>	
FISTULARIIDAE						
FISTULARIA VILLOSA		<b>802271</b>				
ACANTHURIDAE		<b>802271</b>				
SIGANIDAE						
SIGANUS FUSCESCENS		<b>802271</b>				
GOBIIDAE		<b>802271</b>				
LABRIDAE		<b>802271</b>				
APOGONIDAE		<b>802271</b>				
CHAETODONTIDAE		<b>802271</b>				
GRAMMISTIDAE						
GRAMMISTES SEXLINEATUS		<b>802271</b>				
POMACENTRIDAE		<b>802271</b>				
SERRANIDAE		<b>802271</b>				
SCORPAENIDAE		<b>802271</b>				
BALISTIDAE		<b>802271</b>				
DIODONTIDAE						
DIODON HOLACANTHUS		<b>802271</b>				
ATHERINIDAE						
ALLANETTA BLEEKERI		<b>802271</b>				
CLUPEIDAE						
ALOSA PSEUDOHARENGUS		<b>801881</b>				
CYPRINIDAE						
CTENOPHARYNGODON IDELLA		<b>801212</b>				
PLOTOSIDAE						
PLOTOSUS ANGUILLARIS		<b>802271</b>				
GADIDAE						
BOREOGADUS SAIDA		<b>801136</b>				
ANTENNARIIDAE		<b>802271</b>				
EGG						
SCOMBERESOCIDAE						
COLOLABIS SAIRA		<b>800693</b>				
LARVA						
SCOMBERESOCIDAE						
COLOLABIS SAIRA		<b>800693</b>				
<b>INTENSITY OF INFECTION</b>						
ISURIDAE						
ISURUS OXYRINCHUS		<b>800355</b>				
SIGANIDAE		<b>800654</b>				
CENTRARCHIDAE		<b>800306</b>				
SERRANIDAE		<b>800654</b>				
SERRANUS LOUTI		<b>800654</b>				
<b>TREATMENT FOR DISEASE</b>						
SAPROLEGNIA INFECTION						
ACIPENSEROMORPHA		<b>803333</b>				
ICH DISEASE						
COBITIDAE						
ICHTHYOPHTHIRIOPHAGUS APRILIOS		<b>800190</b>				
VELVET DISEASE						





ANGUILLIDAE		MISGURNUS ANGUILLICAUDATUS	801030	PATHOLOGY AND PARASITISM (CONTINUED)
ANGUILLA JAPONICA	801030	CYPRINIDAE		
PLECOGLOSSIDAE		CARASSIUS CARASSIUS	801030	
PLECOGLOSSUS ALTIVELIS	801031	CYPRINUS CARPIO	801030	
	801034	SALMONIDAE	801030	
SALMONIDAE	800892	ONCORHYNCHUS NERKA	802531	
	800966	SALVELINUS FONTINALIS	802388	
	801030		801030	
	801950			
	801030			
CHECK LIST				
PETROMYZONTOMORPHA	801696			
TREATMENT FOR DISEASE		COLUMNARIS DISEASE	801034	
TELEOSTEI	802091	CYPRINIDAE		
CARANGIDAE		CARASSIUS CARASSIUS	801030	
SERIOLA QUINQUERADIATA	801033	CYPRINUS CARPIO	801030	
CICHLIDAE		SALMONIDAE	800966	
TILAPIA MOSSAMBICA	800057	SALMO GAIRDNERII	801030	
TILAPIA MELANOPELURA	800057			
CYPRINIDAE				
CYPRINUS CARPIO	801033			
PROPHYLACTIC TREATMENT				
CARANGIDAE		FUNGUS DISEASES		
SERIOLA QUINQUERADIATA	801855	SALMONIDAE	800215	
ANGUILLIDAE		CHECK LIST		
ANGUILLA JAPONICA	801855	PETROMYZONTOMORPHA	801696	
CYPRINIDAE		GILLS		
CARASSIUS AURATUS	801855	SALMONIDAE		
PROPHYLACTIC TREATMENT		SALMO GAIRDNERII	801884	
CYPRINIDAE		TREATMENT FOR DISEASE		
CYPRINUS CARPIO	801033	TELEOSTEI	802091	
HOST PARASITE INTERACTIONS			802092	
TELEOSTEI	802092		800338	
CYPRINIDAE		PROPHYLACTIC TREATMENT		
CYPRINUS CARPIO	802093	TELEOSTEI	802838	
EXPERIMENTAL ANALYSIS		HOST PARASITE INTERACTIONS		
POMACENTRIDAE		DERMOCYSTIDIUM		
ABUDEFDUF SAXATILIS	802294	TREATMENT FOR DISEASE		
AEROMONAS		SALMONIDAE		
LARVA		ONCORHYNCHUS TSHAWYTSCHA	802581	
PETROMYZONTOMORPHA				
ENTOSPHEUS LAMOTTEI	802418			
		SAPROLEGNIA INFECTION		
FURUNCULOSIS DISEASE	801034	SALMONIDAE	800966	
SALMONIDAE	800892	ONCORHYNCHUS NERKA	802531	
	801030	EGG		
ONCORHYNCHUS NERKA	802531	ACIPENSEROMORPHA	803333	
SALMO SALAR	801950	TREATMENT FOR DISEASE		
SALMO TRUTTA	801950	CICHLIDAE	800057	
INCIDENCE OF INFECTION		CYPRINODONTIDAE		
SALMONIDAE		FUNDULUS HETEROCLITUS	800609	
SALVELINUS FONTINALIS	802602			
TREATMENT FOR DISEASE				
SALMONIDAE				
ONCORHYNCHUS MASOU	801033			
SALMO GAIRDNERII	801033	ICHTHYOPHONUS DISEASE		
SALVELINUS FONTINALIS	801033	INCIDENCE OF INFECTION		
HOST PARASITE INTERACTIONS		HOST PARASITE INTERACTIONS		
TREATMENT FOR DISEASE		PLEURONECTIDAE		
SALMONIDAE	802721	LIMANDA FERRUGINEA	802305	
EXPERIMENTAL ANALYSIS				
CARANGIDAE				
TRACHINOTUS OVATUS	802294			
CICHLIDAE		PROTOZOAN DISEASES		
TILAPIA MOSSAMBICA	802294	ACANTHURIDAE	800319	
POMACENTRIDAE		CHAETODONTIDAE	800319	
ABUDEFDUF SAXATILIS	802294	CICHLIDAE	800319	
SULFAMERAZINE		POMACENTRIDAE	800319	
TREATMENT FOR DISEASE		TETRAODONTIDAE	800319	
FISH AS FOOD		POECILIIDAE	800319	
SALMONIDAE	802643	CHARACIDAE	800319	
		CYPRINIDAE	800319	
		CYPRINUS CARPIO	802089	
		TINCA TINCA	802089	
		MORMYRIDAE	800319	
		SALMONIDAE	800319	
		CHECK LIST		
		PETROMYZONTOMORPHA	801696	
		TREATMENT FOR DISEASE		
		TELEOSTEI	802091	
		HOST PARASITE INTERACTIONS		
		TELEOSTEI	802092	
		CYPRINIDAE		
		CTENOPHARYNGODON IDELLA	802094	
		HYPOPHthalmichthys MOLITRIX	802094	
		ICH DISEASE		
		TELEOSTEI	800904	
		CICHLIDAE		
		SYMPHYSDON	800849	
		TETRAODONTIDAE		
		TETRAODON MIURUS	800032	
		CHARACIDAE		
		ALESTES MACROPHthalmus	800032	
		CHEIRODON AXELRODI	800032	
		CYPRINIDAE		
		ALBURNUS ALBURNUS	801181	
		MOCHOKIDAE		
		SYNODONTIS NIGRIVENTRIS	800032	
		NOTOPTERIDAE	800849	
		DISTRIBUTION OF INFECTION		
FISH MYCOBACTERIOSIS				
COBITIDAE				





XIPHIAS GLADIUS	801977	ELASMOBRANCHII	801700	FISHING AND FISHERIES (CONTINUED)
BOTHIDAE			802678	
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SCOPHTHALMUS MAXIMUS	801846	GALEORHINUS AUSTRALIS	801201	
SCOPHTHALMUS RHOMBUS	801846	MUSTELUS ANTARCTICUS	801201	
PLEURONECTIDAE		PRISTIOPHORIDAE		
GLYPTOCEPHALUS CYNOGLOSSUS	800758	PRISTIOPHORUS NUDIPINNIS	801201	
	801888	SQUALIDAE		
HIPPOGLOSSOIDES PLATESSOIDES	800758	SQUALUS MEGALOPS	801201	
	801888	ACIPENSEROMORPHA		
HIPPOGLOSSUS HIPPOGLOSSUS	800758	ACIPENSER TRANSMONTANUS	801700	
	801846	AMOMORPHA		
	802139	AMIA CALVA	801700	
HIPPOGLOSSUS STENOLEPIS	801221	SEMIONOTOMORPHA	801700	
LIMANDA ASPERA	801780	TELEOSTEI	801791	
LIMANDA FERRUGINEA	800758		801944	
	801888		802678	
PLEURONECTES PLATESSA	801846		802649	
PSEUDOPLEURONECTES AMERICANUS	800758	SCARIDAE		
REINHARDTIUS HIPPOGLOSSOIDES	801888	MUGILOIDEI		
SCOPHTHALMIDAE		ALDRICHETTA FORSTERI	802677	
SCOPHTHALMUS MAXIMUS	800715	ARRIPIDIDAE		
	801846	ARRIPIS TRUTTA	801200	
SCOPHTHALMUS RHOMBUS	801846	BRANCHIOSTEGIDAE		
SCORPAENIDAE		BRANCHIOSTEGUS JAPONICUS	801579	
SEBASTES MARINUS	800758	CHEILODACTYLIDAE		
	801888	NEMADACTYLUS MACROPTERUS	801204	
SEBASTODES ALUTUS	801780	LACTARIIDAE		
CLUPEIDAE	802392	LACTARIUS LACTARIUS	802649	
ALOSA FINTA	800715	LUTJANIDAE	802649	
	800719	SERRANIDAE		
ALOSA SAPIDISSIMA	801810	CENTROPISTES STRIATUS	801712	
CLUPEA HARENGUS	800335	SILLAGINIDAE		
	800727	SILLAGO SIHAMA	802649	
	800758	SPARIDAE		
	800866	CHRYSOPTERYGUS AURATUS	800993	
	801786	POLYNEMOIDEI	802649	
	801846	GEMPYLIDAE		
	801888	LEONURA ATUN	801202	
	801971	ISTIOPHORIDAE	801404	
SARDINA PILCHARDUS	801906		802052	
SARDINOPS CAERULEA	801610		801404	
	802823	SCOMBRIDAE	801775	
ENGRAULIDAE			802052	
ENGRAULIS MORDAX	801610		802649	
ENGRAULIS RINGENS	801383	EUTHYNNUS	801782	
ANGUILLIDAE		EUTHYNNUS PELAMIS	801705	
ANGUILLA ANGUILLA	800719		801980	
	801148	KATSUWONUS PELAMIS	801705	
CATOSTOMIDAE		SCOMBER JAPONICUS	800828	
CATOSTOMUS	802392		800829	
MOXOSTOMA	802392		801099	
CYPRINIDAE		THUNNUS	801782	
CYPRINUS CARPIO	800700	THUNNUS ALBACARES	801705	
	801313	THUNNUS THYNNUS	801203	
	802392	TRICHIURIDAE	802649	
SILURIDAE		CYNOGLOSSIDAE		
SILURUS GLANIS	800715	CYNOGLOSSUS SEMIFASCIATUS	802649	
GADIDAE	801846	PLATYCEPHALOIDEI		
BROSME BROSME	800758	NEOPLATYCEPHALUS RICHARDSONI	801204	
GADUS MORHUA	800727	EXOCEIIDAE		
	800758	CYPSSELURUS	802649	
	801888	HEMIRAMPHUS FAR	803423	
LOTA LOTA	800719	HYPORHAMPHUS QUOYI	803423	
MELANOGRAMMUS AEGLEFINUS	800758	CHIROCENTRIDAE		
	801888	CHIROCENTRUS DORAB	802649	
POLLACHIUS VIRENS	800758	CLUPEIDAE	802649	
THERAGRA CHALCOGRAMMUS	801780	CLUPEA HARENGUS	801786	
UROPHYCIS TENUIS	800758	SARDINA PILCHARDUS	801906	
MERLUCCIIDAE		ENGRAULIDAE	802649	
MERLUCCIIUS BILINEARIS	800758	ANGUILLIDAE		
MERLUCCIIUS PRODUCTUS	801780	ANGUILLA ROSTRATA	801435	
ESOCIDAE		CHARACIDAE		
ESOX LUCIUS	800719	ALESTES BAREMOSE	800933	
OSMERIDAE		ARIIDAE	802649	
OSMERUS EPERLANUS	800719	HARPADONTIDAE		
OSMERUS MORDAX	802392	HARPADON NEHEREUS	802649	
SALMONIDAE	802392	SALMONIDAE		
COREGONUS CLUPEAFORMIS	802406	ONCORHYNCHUS	801090	
COREGONUS OXYRHYNCUS	800715		801093	
	800719		801225	
ONCORHYNCHUS TSHAWYTSCHA	801422	ONCORHYNCHUS GORBUSCHA	802110	
	801978	ONCORHYNCHUS KETA	802110	
SALMO SALAR	800715	ONCORHYNCHUS NERKA	802110	
	800719	SALMO SALAR	801701	
	801701	NETTING	801905	
SALVELINUS NAMAYCUSH	802406	CLUPEIDAE		
	800842	HILSA	803430	
	801784	TRAWLING		
		ELASMOBRANCHII	801976	
		TELEOSTEI	801976	
		POISON COLLECTING		
		TELEOSTEI	803424	
		LIGHT		
		TELEOSTEI	801211	
		EXPERIMENTAL ANALYSIS		
		STICHAEIDAE		
		LUMPENUS ANGUILLARIS	800489	
		EMBIOIDOTIDAE		
		DITREMA TEMMINCKI	800489	
		SERRANIDAE		
		LATEOLABRAX JAPONICUS	800489	
		SPARIDAE		
		SPARUS AWINHONIC	800489	
		PLEURONECTIFORMES	800489	
		HEXAGRAMMIDAE		
		HEXAGRAMMUS OCTOGRAMMUS	800489	
FISHING METHODS	800408			
	800893			
	800914			
	801000			
	801495			
	801533			
	801746			
	801781			
	801783			
	801785			
	801904			
	801950			
	802737			
	803041			

FISHING AND FISHERIES (CONTINUED)	SCORPAENIDAE			801944
	SEBASTODES INERMIS	800489		802032
	SALMONIDAE			802131
	SALMO TRUTTA	802914		802167
<b>BAIT FISH</b>				
	SCOMBRIDAE			
	EUTHYNNUS PELAMIS	801980		
	MELANOAEENIDAE			
	PRANESUS INSULARUM	801775		
	SCOMBERESOCIDAE			
	COLOLABIS SAIRA	801775		
	ENGRAULIDAE			
	ANCHIOVELLA PURPUREA	801775		
	STOLEPHORUS PURPUREUS	801775		
	CYPRINIDAE			
	NOTROPIS ATERINOIDEIS	800194		
	NOTROPIS HUDSONIUS	800194		
<b>FISHING GEAR SELECTIVITY</b>				
		802323		
		802452		
		802482		
	GASTEROSTEIDAE			
	GASTEROSTEUS ACULEATUS	802803		
	BRANCHIOSTEGIDAE			
	BRANCHIOSTEGUS JAPONICUS	801579		
	CARANGIDAE			
	SERIOLA QUINQUERADIATA	801840		
	PERCIDAE	802803		
	SERRANIDAE			
	MORONE SAXATILIS	802986		
	SPARIDAE			
	CHRYSOPHRYS MAJOR	801840		
	SCOMBRIDAE			
	EUTHYNNUS PELAMIS	803388		
	ANGUILLIDAE			
	ANGUILLA ANGUILLA	802803		
	CYPRINIDAE	802803		
	ABRAMIS BRAMA	802482		
	GADIDAE			
	LOTA LOTA	802803		
	OSMERIDAE			
	OSMERUS EPERLANUS	802803		
	SALMONIDAE			
	ONCORHYNCHUS GORBUSCHA	802110		
	ONCORHYNCHUS KETA	802110		
	ONCORHYNCHUS NERKA	802110		
<b>FISHERY PRODUCTS</b>				
	ANGUILLIDAE	801000		
	ANGUILLA ROSTRATA	801435		
<b>FISHERY DYNAMICS</b>				
		802246		
		802429		
	TELEOSTEI	801829		
		802722		
	CLUPEIDAE			
	CLUPEA HARENGUS	801829		
	SARDINOPS CAERULEA	802966		
	GADIDAE			
	GADUS MORHUA	801829		
	SALMONIDAE			
	ONCORHYNCHUS	801829		
<b>FISHERY STATISTICS</b>				
		801376		
		802452		
	PETROMYZONTOMORPHA			
	LAMPETRA FLUVIATILIS	801079		
		803320		
	ELASMOBRANCHII	801778		
		802032		
		802167		
	RAJOMORPHA	801846		
	RAJIDAE	801776		
		801807		
	SQUALOMORPHA	800893		
		801846		
		802649		
		803304		
	SQUALIDAE			
	SQUALUS ACANTHIAS	801776		
		801807		
		802918		
	ACIPENSEROMORPHA	801807		
		802032		
	ACIPENSER	803187		
	ACIPENSER GULDENSTAEDTI	803187		
	ACIPENSER MEDIOSTRIS	800892		
	ACIPENSER STELLATUS	803187		
	ACIPENSER TRANSMONTANUS	800892		
	HUSO HUSO	803187		
	TELEOSTEI	801755		
	GASTEROSTEIDAE			
	GASTEROSTEUS ACULEATUS			802803
	SIGANIDAE			
	SIGANUS FUSCESCENS			802516
	AMMODYTIDAE			
	AMMODYTES			801846
	AMMODYTES PERSONATUS			802516
	ANARHICHADIDAE			
	ANARHICHAS			801846
	PHOLIDIDAE			
	ENEDRIAS NEBULOSUS			802516
	CALLIONYMOIDEI			
	CALLIONYMUS RICHARDSONI			802516
	Gobiidae			
	ACANTHOGOBIIUS FLAVIMANUS			802516
	GLOSSOGOBIIUS GIURUS			801946
	MUGILOIDEI			802649
	MUGIL CEPHALUS			802516
	ARRIPIDAE			
	ARRIPIS TRUTTA			801200
	BRANCHIOSTEGIDAE			
	BRANCHIOSTEGUS JAPONICUS			800479
	CARANGIDAE			802649
	CARANX TRACHURUS			801846
	SERIOLA DORSALIS			801778
	SERIOLA QUINQUERADIATA			802516
	TRACHURUS JAPONICUS			802516
	TRACHURUS SYMMETRICUS			800892
				801778
				801815
				802871
				802778
				802741
	CICHLIDAE			
	TILAPIA			
	EMBIOTOCIDAE			
	DITREMA TEMMINCKI			802516
	KYPHOSIDAE			
	GIRELLA PUNCTATA			802516
	LACTARIIDAE			
	LACTARIUS LACTARIUS			802649
	LEIOGNATHIDAE			802649
	LEIOGNATHUS NUCHALIS			802516
	MULLIDAE			802649
	PERCIDAE			802803
	PERCA FLUVIATILIS			803321
	STIZOSTEDION LUCIOPERCA			801923
				803196
	SCIAENIDAE			802649
	CYNOSCION NOBILIS			801778
				803096
	GENYONEMUS LINEATUS			801778
	MICROPOGON UNDULATUS			802763
	SERRANIDAE			
	LATEOLABRAX JAPONICUS			802516
	MORONE SAXATILIS			802763
	SILLAGINIDAE			
	SILLAGO SIHAMA			802516
	SPARIDAE			801846
	CHRYSOPHRYS AURATUS			800993
	CHRYSOPHRYS MAJOR			802516
	MYLIO MACROCEPHALUS			802516
	STENOTOMUS CHRYSOPS			801776
				802985
	Theraponidae			
	Therapon oxyrhynchus			802516
	Polynemoidae			802649
	Gempylidae			
	Leionura atun			801202
	SCOMBRIDAE			801775
				801778
				801846
				801977
				802287
				802649
				803388
	EUTHYNNUS PELAMIS			801819
	KATSUWONUS PELAMIS			801098
	SCOMBER JAPONICUS			801099
				801815
				802006
	SCOMBER SCOMBRUS			802270
	THUNNUS			800892
	THUNNUS ALALUNGA			801849
				802963
	THUNNUS ALBACARES			801610
				803366
	THUNNUS THYNNUS			801203
	TRICHIURIDAE			802649
	TRICHIURUS JAPONICUS			802516
	XIPHIIDAE			
	XIPHIAS GLADIUS			801778
	SPHYRAENOIDEI			802649
	SPHYRAENA ARGENTEA			801778
	SPHYRAENA PINGUIS			802516
	STROMATEIDAE			802649
	PEPRILUS TRIACANTHUS			801776
	PLEURONECTIFORMES			801778
	BOTHIDAE			801807
	PARALICHTHYS OBLONGUS			801776
	SCOPHTHALMUS AQUOSUS			801776
	SCOPHTHALMUS MAXIMUS			801846
	SCOPHTHALMUS RHOMBUS			801846
	CYNOGLOSSIDAE			802649
	PLEURONECTIDAE			800892

	801776	DISTICHODUS MOSSAMBICUS	802778	FISHING AND FISHERIES
	801807	DISTICHODUS SCHENGA	802778	(CONTINUED)
	801846	CYPRINIDAE	802660	
GLYPTOCEPHALUS CYNOGLOSSUS	801888		802803	
HIPPOGLOSSOIDES PLATISSOIDES	801888	ABRAMIS BRAMA	802150	
HIPPOGLOSSUS STENOLEPIS	802151		802482	
KAREIUS BICOLORATUS	802516		803190	
LIMANDA FERRUGINEA	801888	ASPIUS ASPIUS	803196	
PLEURONCTES PLATISSA	800334	BARBUS BRACHYCEPHALUS	803196	
REINHARDTIUS HIPPOGLOSSOIDES	801888	CARASSIUS AURATUS	802516	
SCOPHTHALMIDAE		CATLA CATLA	803293	
SCOPHTHALMUS MAEOTICUS	802005	CHALCALBURNUS CHALCOIDES	803196	
SCOPHTHALMUS MAXIMUS	801846	CYPRINUS CARPIO	801968	
SCOPHTHALMUS RHOMBUS	801846		802516	
SOLEIDAE			803196	
HETEROMYCTERIS JAPONICUS	802516		801455	
SOLEA SOLEA	801846	GNATHOPOGON CAERULESCENS	802516	
COTTIDAE		ISCHIKAUIA STEENACKERII	802778	
HEMITRIPTERUS AMERICANUS	801776	LABEO ALTIVELIS	802778	
MYOXOCEPHALUS OCTODECEMSPINOSUS	801776	LABEO CONGORO	803196	
ANOPLOPOMATIDAE		RUTILUS RUTILUS	802649	
ANOPLOPOMA FIMBRIA	801778	ARIIDAE		
	801807	BAGRIDAE		
HEXAGRAMMIDAE		MYSTUS AOR	802660	
AGRAMMUS AGRAMMUS	802516	MYSTUS SEENGHALA	802660	
HEXAGRAMMOS OTAKII	802516	CLARIIDAE		
OPHIODON ELONGATUS	800892	CLARIAS MOSSAMBICUS	802778	
	801778	ICTALURIDAE		
	801807	PYLODICTIS OLIVARIS	802708	
PLATYCEPHALOIDEI		PANGASIIDAE		
PLATYCEPHALUS INDICUS	802516	PANGASIUS PANGASIUS	802660	
SCORPAENIDAE	800892	PLOTOSIDAE	802649	
	801778	SCHILBEIDAE		
	801807	SILONIA SILONDIA	802660	
SEBASTES	801846	SILURIDAE		
SEBASTES MARINUS	801776	SILURUS GLANIS	803196	
	801888	WALLAGONIA ATTU	802660	
SEBASTES OBLONGUS	802516	MORMYRIDAE		
SEBASTODES ALUTUS	801807	MORMYRUS DELICIOSUS	802778	
SEBASTODES INERMIS	802516	MORMYRUS LONGIROSTRIS	802778	
TRIGLIDAE		BREGMACROTIDAE		
CHELIDONICHTHYS KUMU	802516	BREGMACEROS MACCLELLANDI	802649	
TRIGLA	801846	GADIDAE	801776	
TRIGLA HIRUNDO	802165		801846	
BALISTIDAE		GADUS MACROCEPHALUS	800892	
RUDARIUS ERCODES	802516		801807	
TETRAODONTIDAE		GADUS MERLANGUS	801950	
FUGU NIPHOBLES	802516	GADUS MORHUA	801804	
ATHERINIDAE			801888	
ATHERINA BLEEKERI	802516		801950	
BELONIDAE	801846		802300	
	802649	LOTA LOTA	802803	
ABLENNES ANASTOMELLA	802516	MELANOGRAMMUS AEGLEFINUS	801804	
EXOCEOTIDAE	802649		801888	
HEMIRAMPHUS KURUMEUS	802516		801950	
PROGNICHTHYS AGOO	802516	THERAGRA CHALCOGRAMMUS	801807	
SCOMBERESOCIDAE		TRISOPTERUS ESMARKII	801950	
COLOLABIS SAIRA	801778		802143	
CHIROCENTRIDAE		MERLUCCIIDAE	801846	
CHIROCENTRUS DORAB	802649	MERLUCCIIUS BILINEARIS	801776	
CLUPEIDAE	801846	MERLUCCIIUS MERLUCCIIUS	800892	
	802649	MERLUCCIIUS PRODUCTUS	801778	
ALOSA PSEUDOHARENGUS	801776		801807	
ALOSA SAPIDISSIMA	800892	ZOARCIDAE		
	801778	MACROZOARCES AMERICANUS	801776	
	801807	LOPHIIDAE		
CLUPEA HARENGUS	800335	LOPHIUS AMERICANUS	801776	
	801776	ARGENTINIDAE		
	801778	ARGENTINA SILUS	801776	
	801815	ESOCIDAE		
	801888	ESOX LUCIUS	803196	
	801950	GALAXIIDAE		
	801966	GALAXIAS MACULATUS	803235	
	801971	SALANGIDAE		
	802138	SALANGICHTHYS MICRODON	802516	
	802248	HARPADONTIDAE		
CLUPEA SPRATTUS	801950	HARPADON NEHEREUS	802649	
ETRUMEUS MICROPUS	802516	SYNODONTIDAE	802649	
HARENGULA ZUNASI	802516	SAURIDA UNDOQUAMIS	802516	
KONOSIRUS PUNCTATUS	802516	OSMERIDAE	800892	
SARDINOPS CAERULEA	801610		801778	
	801778		801846	
	801815	HYPOMESUS OLIDUS	802516	
	802966	OSMERUS EPERLANUS	801079	
SARDINOPS MELANOSTICTA	802516		802803	
ENGRAULIDAE	802649	SALMONIDAE	800892	
ENGRAULIS ENCRASICHOLUS	802004		801778	
ENGRAULIS JAPONICA	802516	COREGONUS ALBULA	801846	
ENGRAULIS MORDAX	801778	COREGONUS CYLINDRACEUS	801968	
	801815	COREGONUS PELED	803322	
ANGUILLIDAE		ONCORHYNCHUS GORBUSCHA	801079	
ANGUILLA ANGUILLA	801435		803343	
	801846	ONCORHYNCHUS KISUTCH	803199	
	801968	ONCORHYNCHUS NERKA	801068	
	802803		801888	
ANGUILLA JAPONICA	801435		801069	
	802516		801908	
ANGUILLA ROSTRATA	801435		800359	
CONGRIDAE			802531	
ASTROCONGER MYRIASTER	802516		802768	
CONGER CONGER	801846	ONCORHYNCHUS TSHAWYTSCHA	801072	
MURAENESOCIDAE	802649		801978	
MURAENESOX CINEREUS	802516	SALMO SALAR	801079	
CHARACIDAE			801950	
ALESTES BAREMOSE	800933	WEIGHT LENGTH RELATIONSHIP		
HYDROCYNUS VITTATUS	802778	PERCIDAE		
DISTICHODONTIDAE		STIZOSTEDION LUCIOPERCA	803074	



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EUTHYNNUS PELAMIS	801819	ACIPENSEROMORPHA	802482	FISHING AND FISHERIES (CONTINUED)
KATSUWONUS PELAMIS	801819	ACIPENSER TRANSMONTANUS	802599	
THUNNUS THYNNUS	802287	TELEOSTEI	801779	
CLUPEIDAE		GASTEROSTEIDAE		
CLUPEA HARENGUS	802248	GASTEROSTEUS ACULEATUS	802803	
CYPRINIDAE		CARANGIDAE	801777	
ABRAMIS BRAMA	802482	CENTRARCHIDAE	800513	
GADIDAE		LEPOMIS MACROCHIRUS	802723	
GADUS MORHUA	802300	CORYPHAENIDAE	801777	
ESOCIDAE		LUTJANIDAE	801777	
ESOX MASQUINONGY	802421	PERCIDAE	802803	
SALMONIDAE	800892	SCIAENIDAE	801777	
COREGONUS CLUPEAFORMIS	802902	SERRANIDAE	801777	
ONCORHYNCHUS KISUTCH	802343	SCOMBRIDAE	801777	
ONCORHYNCHUS TSHAWYTSCHA	801162		802287	
SALMO SALAR	802567	EUTHYNNUS PELAMIS	801775	
SALMO TRUTTA	802253	KATSUWONUS PELAMIS	801775	
	802914	THUNNUS ALALUNGA	801775	
	803084	THUNNUS ALBACARES	801775	
SALVELINUS NAMAYCUSH	802902		801977	
			803366	
		THUNNUS OBESUS	801775	
		PLEURONECTIDAE		
RECRUITMENT	802482	ATHERESTES STOMIAS	801780	
ARRIPIDIDAE		HIPPOGLOSSOIDES ELASSODON	801780	
ARRIPIS TRUTTA	801799	HIPPOGLOSSUS HIPPOGLOSSUS	802139	
PERCIDAE		LEPIDOPSETTA BILINEATA	801780	
PERCA FLUVIATILIS	803321	LIMANDA ASPERA	801780	
STIZOSTEDION VITREUM	800876	MICROSTOMUS PACIFICUS	801780	
SCOMBRIDAE		ANOPILOPOMATIDAE		
THUNNUS OBESUS	800897	ANOPILOPOMA FIMBRIA	801780	
PLEURONECTIDAE		SCORPAENIDAE		
HIPPOGLOSSUS STENOLEPIS	802151	SEBASTODES ALUTUS	801780	
GADIDAE		POECILIIDAE		
GADUS MORHUA	802300	POECILIA RETICULATA	801826	
MATHEMATICAL POPULATION MODELS	802607	EXOCOETIDAE	801777	
		CLUPEIDAE	801777	
		ANGUILLIDAE		
		ANGUILLA ANGUILLA	802803	
		CYPRINIDAE	802803	
		ABRAMIS BRAMA	802482	
		GADIDAE		
		GADUS MACROCEPHALUS	801780	
		LOTA LOTA	802803	
		THERAGRA CHALCOGRAMMUS	801780	
		MERLUCCIIDAE		
		MERLUCCIIUS PRODUCTUS	801780	
		OSMERIDAE		
		OSMERUS EPERLANUS	802803	
		SALMONIDAE	800513	
STANDING CROP		PRODUCTIVITY	801947	
RAJIDAE	801776		802322	
SQUALIDAE			802332	
SQUALUS ACANTHIAS	801776		802478	
	801780		803377	
CENTRARCHIDAE	801877	ACIPENSEROMORPHA		
SPARIDAE		ACIPENSER GULDENSTAEDTI	802443	
STENOTOMUS CHRYSOPS	801776	ACIPENSER RUTHENUS	802443	
STROMATEIDAE		TELEOSTEI	800135	
PEPRILUS TRIACANTHUS	801776	GASTEROSTEIDAE		
BOTHIDAE		GASTEROSTEUS ACULEATUS	800966	
PARALICHTHYS OBLONGUS	801776	CENTRARCHIDAE	800513	
SCOPHTHALMUS AQUOSUS	801776	LEPOMIS MACROCHIRUS	802723	
PLEURONECTIDAE	801776	PERCIDAE	802443	
ATHERESTES STOMIAS	801780	PERCA FLUVIATILIS	801443	
HIPPOGLOSSOIDES ELASSODON	801780		802948	
LEPIDOPSETTA BILINEATA	801780	STIZOSTEDION LUCIOPERCA	800132	
LIMANDA ASPERA	801780		802948	
MICROSTOMUS PACIFICUS	801780	PLEURONECTIDAE		
SCOPHTHALMIDAE		LIOPSETTA OBSCURA	802893	
SCOPHTHALMUS AQUOSUS	801776	COTTIDAE		
COTTIDAE		COTTUS GOBIO	800966	
HEMITRIPTERUS AMERICANUS	801776	COTTUS PERPLEXUS	800009	
MYOXOCEPHALUS OCTODECEMSPINOSUS	801776	GYMNOCANTHUS HERZENSTEINI	802893	
SCORPAENIDAE		ANGUILLIDAE		
SEBASTES MARINUS	801776	ANGUILLA ANGUILLA	801443	
SEBASTODES ALUTUS	801780	CYPRINIDAE	801443	
CLUPEIDAE			802443	
ALOSA PSEUDOHARENGUS	801776		802660	
CLUPEA HARENGUS	801776		802948	
DOROSOMA CEPEDIANUM	801877	ARISTICHTHYS NOBILIS	801903	
CATOSTOMIDAE	801877	CTENOPHARYNGODON IDELLA	801903	
CYPRINIDAE	801877	HYPOPHthalmichthys MOLITRIX	801903	
CYPRINUS CARPIO	801877	PHOXINUS PHOXINUS	800966	
NOTROPIS CHRYSOCEPHALUS	801877	SILURIDAE		
GADIDAE	801776	SILURUS GLANIS	802443	
GADUS MACROCEPHALUS	801780	LOTA LOTA	802443	
THERAGRA CHALCOGRAMMUS	801780	ESOCIDAE		
MERLUCCIIDAE		ESOX LUCIUS		
MERLUCCIIUS BILINEARIS	801776		801443	
MERLUCCIIUS PRODUCTUS	801780		802443	
ZOARCIDAE			802948	
MACROZOARCES AMERICANUS	801776	SALMONIDAE		
LOPHIIDAE			800513	
LOPHIUS AMERICANUS	801776		800966	
ARGENTINIDAE			802443	
ARGENTINA SILUS	801776	SALMO CLARKII	800009	
ESOCIDAE		SALMO GAIRDNERII	800978	
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ABRAMIS BRAMA	803340
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			HUSO HUSO X	803195	
			ACIPENSER STURIO	800430	
			HUSO HUSO X		
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	800892		COREGONUS	803195	
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	801908			802522	
	802136			803195	
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APHREDODERIDAE	
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ANGUILLIDAE	
ANGUILLA ROSTRATA	802980
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ICTALURIDAE	802980

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POMACENTRIDAE	800095			GOBIUS	800425
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BALISTIDAE	800095			CONGER CONGER	800425
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LEPOMIS MACROCHIRUS	802753			HEAVY METAL POLLUTANTS	
CYPRINIDAE				SALMONIDAE	
CARASSIUS AURATUS	802753			SALVELINUS FONTINALIS	803109
SALMONIDAE					
SALMO CLARKII	802753				
OXYGEN CONSUMPTION					
EFFECT ON FISH				EXPLOSIONS UNDERWATER	
CENTRARCHIDAE				EFFECT ON FISH	
LEPOMIS MACROCHIRUS	800167			GADIDAE	
				LOTA LOTA	800986
HERBICIDE POLLUTANTS	802069			PERCOPSIDAE	

PERCOPSIS OMISCOMAYCUS	800986	802069	CONSERVATION OF FISH
SALMONIDAE		802071	(CONTINUED)
COREGONUS ARTEIDII	800986	802073	
COREGONUS CLUPEIFORMIS	800986	802074	FISH CULTURE
		802075	
		802076	
		802077	
		802278	
		802330	
		803226	
		803227	
		803263	
		802529	
<b>FISH KILL</b>			
MYLIOBATIDAE			
MYLIOBATHIS CALIFORNICUS	802873		
CARCHARHINIDAE			
RHINOTRIACIS HENLEI	802873	TELEOSTEI	
TRIAKIS SEMIFASCIATA	802873	BELONTIIDAE	
TELEOSTEI	801006	BETTA SPLENDENS	801669
	801442	MUGILOIDEI	
	801640	MUGIL CEPHALUS	802078
	801706	CARANGIDAE	
	802104	TRACHINOTUS CAROLINUS	802078
	803373		803178
TRYPAUCHENIDAE		CENTRARCHIDAE	803248
TRYPAUCHEN VAGINA	800446	MICROPTERUS SALMOIDES	802079
CICHLIDAE		CENTROPOMIDAE	
ETROPLUS SURATENSIS	800446	LATES NILOTICUS	802080
CYPRINIDAE		CICHLIDAE	800036
CARASSIUS CARASSIUS	800901		802072
CYPRINUS CARPIO	800901		802078
	801539		802080
	802978	HEMICHROMIS FASCIATUS	802080
	800901	TILAPIA	
ZACCO PLATYPUS		PERCIDAE	
ARIIDAE		STIZOSTEDION LUCIOPERCA	802079
TACHYSURUS DUSSUMIERI	800446	SCIAENIDAE	
TACHYSURUS THALASSINUS	800446	PLAGIOSCION SQUAMOSISSIMUS	800036
OSMERIDAE		PLAGIOSCION SURINAMENSIS	800036
HYPOMESUS OLIDUS	800901	SCOMBRIDAE	
PROTOZOA		PNEUMATOPHORUS DIEGO	803263
PLEURONECTIDAE	801950	CLUPEIDAE	
SALMONIDAE		SARDINOPS CAERULEA	803263
SALMO TRUTTA	801950	CHARACIDAE	800036
CESTODA		CATOSTOMIDAE	
CRUSTACEA		CATOSTOMUS COMMERSONI	803247
GASTEROSTEIDAE		ICTIOBUS BUBALUS	802078
GASTEROSTEUS ACULEATUS	803125	ICTIOBUS CYPRINELLUS	802078
ALKALI POLLUTANTS		ICTIOBUS NIGER	802078
CYPRINIDAE	802660	CYPRINIDAE	802070
			803263
		ARISTICHTHYS NOBILIS	802079
			802084
		BARBUS HOLUBI	802254
		CARASSIUS AURATUS	802079
		CATLA CATLA	803293
		CTENOPHARYNGODON IDELLA	802078
			802079
			802084
		CYPRINUS CARPIO	801885
			801969
			802078
			802079
			802080
			802082
			802794
			803217
			803263
		HYPOPHthalmichthys molitrix	802079
			802084
			802494
		NOTEMIGONUS CRYSOLEUCAS	803247
		PIMEPHALES PROMELAS	803247
		TINCA TINCA	802079
		AUCHENIPTERIDAE	
		TRACHYCORYSTES	800036
		CLARIIDAE	
		CLARIAS BATRACHUS	802081
		CLARIAS MACROCEPHALUS	802081
		ICTALURIDAE	800061
		ICTALURUS PUNCTATUS	802078
			803248
		SILURIDAE	
		SILURUS GLANIS	802079
		OSTEOGLOSSIDAE	
		ARAPAIMA GIGAS	800036
		HETEROTIS NILOTICUS	802080
		CHANIDAE	
		CHANOS CHANOS	802529
		ESOCIDAE	
		ESOX LUCIUS	802079
		SALMONIDAE	800768
			803263
		COREGONUS LAVARETUS	802079
		COREGONUS PELED	802079
		ONCORHYNCHUS KETA	802919
		SALMO GAIRDNERII	802082
			802169
		SALMO SALAR	801950
		SALMO TRUTTA	802169
		POUNDS AND LIVE CARS	
		CYPRINIDAE	
		CYPRINUS CARPIO	803228
		AQUARIA AND WATER SYSTEMS	
		ANGUILLIDAE	
		ANGUILLA JAPONICA	803228
		CYPRINIDAE	
		CYPRINUS CARPIO	803228
		MARINE ENVIRONMENT	
		TELEOSTEI	801155
		MINERAL WATERS	
		MUGILOIDEI	
<b>FISH CULTURE</b>			
MUGILOIDEI	802649		
MUGIL CEPHALUS	801215		
CENTROPOMIDAE			
LATES CALCARIFER	802649		
CHANIDAE			
CHANOS CHANOS	802649		
LITTORAL ZONE	801215		
SUBLITTORAL ZONE	801215		
<b>FISH CULTURAL METHODOLOGY</b>	800063		
	800064		
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	800066		
	801886		

FISH CULTURE (CONTINUED)	MUGIL CEPHALUS	802086	CLARIAS MACROCEPHALUS	802081
	CICHLIDAE		ICTALURIDAE	800786
	TILAPIA NILOTICA X		ICTALURUS PUNCTATUS	800085
	TILAPIA AUREA X	802086		803248
	TILAPIA AUREA X		BAIT FISH	
	TILAPIA NILOTICA X	802086	CATOSTOMIDAE	
	CYPRINIDAE		CATOSTOMUS COMMERSONI	803247
	CYPRINUS CARPIO	802086	CYPRINIDAE	
	SWAMPS AND MARSHES		NOTEMIGONUS CRYSOLEUCAS	803247
	CYPRINIDAE		PIMEPHALES PROMELAS	803247
	CYPRINUS CARPIO	802085	ARTIFICIAL POPULATION MANIPULATION	
	POPULATION DENSITY		MUGILOIDEI	
	SALMONIDAE		MUGIL CEPHALUS	802086
	SALMO GAIRDNERII	802843	CICHLIDAE	
	HEAT POLLUTION		TILAPIA NILOTICA X	
	CYPRINIDAE		TILAPIA AUREA X	802086
	CYPRINUS CARPIO	802083	CYPRINIDAE	
			CYPRINUS CARPIO	802086
			FISH AS FOOD	
FISH CULTURAL STATISTICS		800062	CYPRINIDAE	
		800893	CYPRINUS CARPIO	801883
		801037	SALMONIDAE	
		803226	SALMO GAIRDNERII	801883
		803263		
		801755		
	CENTRARCHIDAE			
	ANGUILLIDAE		HATCHERY PRODUCTIVITY	
	ANGUILLA ANGUILLA	801036	ICTALURIDAE	
		801968	ICTALURUS PUNCTATUS	801379
	ANGUILLA JAPONICA	803228	SALMONIDAE	801036
	CATOSTOMIDAE	800061	ONCORHYNCHUS NERKA	802531
	CYPRINIDAE	803263	ONCORHYNCHUS TSHAWYTSCHA	802346
	CYPRINUS CARPIO	800067	SALMO GAIRDNERII	802145
		801036		802346
		801037		
		801441		
		801549		
		801968		
		803039	ARTIFICIAL BREEDING ENVIRONMENTS	
		803219	ANABANTOIDEI	800034
		803223	CENTRARCHIDAE	
SALMONIDAE		803228	LEPOMIS CYANELLUS	801378
		801036	LEPOMIS MACROCHIRUS	801378
		801755	LEPOMIS MICROLOPHUS	801378
		801968	MICROPTERUS SALMOIDES	802836
	ONCORHYNCHUS KISUTCH	801069	CYPRINIDAE	800034
	SALMO SALAR	801950	CTENOPHARYNGODON IDELLA	800045
	ARTIFICIAL FEEDS AND FEEDING		CYPRINUS CARPIO	800039
	POND FERTILIZATION AND FEEDING			800048
	CYPRINIDAE			801493
	CYPRINUS CARPIO	801038		801536
				801538
				800045
				800035
				801378
			HYPOPHthalmichthys molitrix	
			ICTALURIDAE	
			ICTALURUS PUNCTATUS	
POND FISH PRODUCTIVITY		800939		
		801037		
		802278		
		803263		
	MUGILOIDEI		ARTIFICIAL FERTILIZATION	
	MUGIL CEPHALUS	800519	PLEURONECTIDAE	
		802088	PAROPHRYS VETULUS	802868
	CENTRARCHIDAE	800786	POECILIIDAE	
	LEPOMIS MACROCHIRUS	801378	XIPHOPHORUS HELLERII	801633
		802652	CLUPEIDAE	
	LEPOMIS MICROLOPHUS	801378	BREVOORTIA SMITHI X	
	LEPOMIS MICROLOPHUS X	800992	BREVOORTIA PATRONUS X	802745
	LEPOMIS CYANELLUS X	801378	CYPRINIDAE	802077
	MICROPTERUS SALMOIDES	802836	CARASSIUS AURATUS	800313
		803248	CTENOPHARYNGODON IDELLA	801048
				803218
	CICHLIDAE		HYPOPHthalmichthys molitrix	803218
	TILAPIA AUREA	800519	SALMONIDAE	
	CYPRINIDAE	801535	SALMO SALAR	802381
		801546		802430
	CARASSIUS AURATUS	801943	ARTIFICIAL SELECTION	
	CTENOPHARYNGODON IDELLA	802085	SALMONIDAE	
	CYPRINUS CARPIO	800134	SALMO GAIRDNERII	802647
		800518		
		800519		
		801036		
		801037		
		801213	ARTIFICIAL INCUBATION	
		801441	CICHLIDAE	
		801493	TILAPIA HEUDELOTI	800269
		801534	TILAPIA NILOTICA	800269
		801536	TILAPIA THOLLONI	800269
		801540	PLEURONECTIDAE	
		801541	PAROPHRYS VETULUS	802868
		801542	CLUPEIDAE	
		801543	ALOSA SAPIDISSIMA	803374
		801547	CATOSTOMIDAE	
		801548	CATOSTOMUS COMMERSONI	803247
		801549	CYPRINIDAE	
		801552	CTENOPHARYNGODON IDELLA	801048
		801943		803218
		802077	HYPOPHthalmichthys molitrix	803218
		802085	SALMONIDAE	800892
		803219	SALMO GAIRDNERII	800090
		803221		
		803223		
		803224		
	HYPOPHthalmichthys molitrix	802085		
	NOTEMIGONUS CRYSOLEUCAS	802969		
	CLARIIDAE		HORMONE INDUCED REPRODUCTION	802330
	CLARIAS BATRACHUS	802081	ACIPENSEROMORPHA	800429
			MUGILOIDEI	



MUGIL CEPHALUS	800034
CYPRINIDAE	800034
	800035
	802077
ARISTICHTHYS NOBILIS	802084
CIRRHINA REBA	803490
CTENOPHARYNGODON IDELLA	800045
	801611
	802077
	802084
	803218
CYPRINUS CARPIO	800049
HYPOPHthalmichthys MOLITRIX	800045
	802077
	802084
	803218
LABEO BICOLOR	801726
LABEO ROHITA	801726
SILURIFORMES	800034
CLARIIDAE	
CLARIAS MACROCEPHALUS	802081
ICTALURIDAE	800035
<b>MILT STORAGE</b>	
GADIDAE	
GADUS MORHUA	802601
SALMONIDAE	
ONCORHYNCHUS GORBUSCHA	802606
ONCORHYNCHUS NERKA	802606
SALMO SALAR	801665
TEMPERATURE	
SALMONIDAE	
SALMO SALAR	802430
EXPERIMENTAL ANALYSIS	
TEMPERATURE	
SALMONIDAE	
SALMO SALAR	802381
<b>WATERBORNE ANTIREPRODUCTIVE FACTOR</b>	
CYPRINIDAE	800051
BRACHYDANIO RERIO	800037
ICTALURIDAE	
ICTALURUS NEBULOSUS	800051
<b>ARTIFICIAL REARING ENVIRONMENTS</b>	
TELEOSTEI	802529
MUGILOIDEI	
MUGIL CEPHALUS	802088
CENTRARCHIDAE	
LEPOMIS MACROCHIRUS	800051
	800995
	800051
	802836
CICHLIDAE	
TILAPIA	801545
TILAPIA NILOTICA X	
TILAPIA MOSSAMBICA X	800048
PLEURONECTIDAE	
PLEURONECTES PLATESSA	801471
SOLEIDAE	
SOLEA SOLEA	801471
ANOPLOPOMATIDAE	
ANOPLOPOMA FIMBRIA	800865
CATOSTOMIDAE	
ICTIOBUS BUBALUS	802078
ICTIOBUS CYPRINELLUS	802078
ICTIOBUS NIGER	802078
CYPRINIDAE	802077
ARISTICHTHYS NOBILIS	801485
CTENOPHARYNGODON IDELLA	801485
	801545
CYPRINUS CARPIO	800039
	800048
	800049
	800058
	800133
	800754
	800834
	801213
	801544
	802827
HYPOPHthalmichthys MOLITRIX	801485
MYLOPHARYNGODON PICEUS	801485
PUNTIUS GONIONOTUS	801545
ICTALURIDAE	
ICTALURUS PUNCTATUS	800085
CHANIDAE	
CHANOS CHANOS	802529
ESOCIDAE	
ESOX LUCIUS	800840
SALMONIDAE	802833
COREGONUS PELED X	
COREGONUS LAVARETUS X	802827
ONCORHYNCHUS KETA	802919
SALMO GAIRDNERII	802827
FRY	
SALMONIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802856

SEASONAL CHANGES	
CYPRINIDAE	
CYPRINUS CARPIO	801223
<b>ARTIFICIAL FEEDS AND FEEDING</b>	
CENTRARCHIDAE	
MICROPTERUS SALMOIDES	802836
	802860
CICHLIDAE	
TILAPIA MOSSAMBICA	803167
ANGUILLIDAE	
ANGUILLA JAPONICA	802945
CYPRINIDAE	
CYPRINUS CARPIO	800518
	801885
	802083
	803222
	803224
	803230
ICTALURIDAE	
ICTALURUS PUNCTATUS	800882
ESOCIDAE	
ESOX LUCIUS	802837
ESOX LUCIUS X	
ESOX MASQUINONGY X	802837
ESOX MASQUINONGY X	
ESOX LUCIUS X	802837
SALMONIDAE	800892
SALMO GAIRDNERII	800839
	801039
	802945
	803468
LARVA	
CYPRINIDAE	
ABRAMIS BRAMA	803497
BLICCA BJOERKNA	803497
FRY	802645
YOUNG	
PERCIDAE	
PERCA FLAVESCENS	802859
<b>ANTIBIOTICS IN FEED</b>	
CYPRINIDAE	
CYPRINUS CARPIO	802083
FURAZOLIDONE	
SPARIDAE	
CHRYSOPHRYS MAJOR	800480
<b>POND FERTILIZATION AND FEEDING</b>	
TELEOSTEI	802278
MUGILOIDEI	802529
MUGIL CEPHALUS	802088
CENTRARCHIDAE	803248
CICHLIDAE	
TILAPIA	802278
CATOSTOMIDAE	
CATOSTOMUS COMMERSONI	803247
CYPRINIDAE	
CARASSIUS AURATUS	801943
CYPRINUS CARPIO	800133
	800134
	800646
	801493
	801537
	801540
	801547
	801548
	801549
	801943
	801969
	802085
	802794
	803221
NOTEMIGONUS CRYSOLEUCAS	802969
	803247
PIMEPHALES PROMELAS	803247
ICTALURIDAE	
ICTALURUS PUNCTATUS	801379
	803248
<b>ARTIFICIAL POPULATION MANIPULATION</b>	
HELOSTOMATIDAE	
HELOSTOMA TEMMINCKII	800053
HELOSTOMA TEMMINCKII	800053
	802278
OSPHRONEMIDAE	
OSPHRONEMUS GORAMY	800053
OSPHRONEMUS OLFA	802278
MUGILOIDEI	
MUGIL CEPHALUS	800052
	800053
CENTRARCHIDAE	803248
LEPOMIS CYANELLUS	801378
LEPOMIS MACROCHIRUS	800051
	801378

FISH CULTURE  
(CONTINUED)

FISH CULTURE (CONTINUED)	LEPOMIS MICROLOPHUS MICROPTERUS SALMOIDES	801378 800051 801378 802079	ANTIMYCIN A CYPRINODONTIDAE CYPRINODON VARIEGATUS CROTON TIGLIUM TELEOSTEI TOXAPHEN CYPRINIDAE TOXAPHENE TELEOSTEI	802507   803424 803225 802532
FISH AND MEDICINE	CICHLIDAE TILAPIA TILAPIA AUREA TILAPIA GALILAEA TILAPIA MACROCHIR TILAPIA MOSSAMBICA  TILAPIA NIGER TILAPIA NILOTICA TILAPIA RENDALLI TILAPIA ZILLII PERCIDAE STIZOSTEDION LUCIOPERCA  SERRANIDAE LATEOLABRAX JAPONICUS POECILIIDAE GAMBUSIA AFFINIS CATOSTOMIDAE CATOSTOMUS COMMERSONI CYPRINIDAE  ARISTICHTHYS NOBILIS CIRRHINA MOLITORELLA CTENOPHARYNGODON IDELLA  CYPRINUS CARPIO    HYPOPHthalmichthys molitrix  MYLOPHARYNGODON PICEUS NOTEMIGONUS CRYSOLEUCAS OSTEOCHILUS HASSELTII PARABRAMIS PEKINENSIS PIMEPHALES PROMELAS  PUNTIUS JAVANICUS TINCA TINCA ICTALURIDAE ICTALURUS NEBULOSUS ICTALURUS PUNCTATUS  SILURIDAE SILURUS GLANIS  OSTEOGLOSSIDAE HETEROTIS NILOTICUS CHANIDAE CHANOS CHANOS ESOCIDAE ESOX LUCIUS  SALMONIDAE COREGONUS PELED X COREGONUS LAVARETUS X SALMO GAIRDNERII  FISH CONTROL AGENTS EGG SALMONIDAE ONCORHYNCHUS KISUTCH LARVA SALMONIDAE ONCORHYNCHUS TSHAWYTSCHA EXPERIMENTAL ANALYSIS CENTRARCHIDAE CYPRINIDAE NOTEMIGONUS CRYSOLEUCAS ICTALURIDAE SALMONIDAE SALMO GAIRDNERII ANTIMYCIN EFFECT ON FISH PERCIDAE PERCA FLAVESCENS CATOSTOMIDAE CATOSTOMUS COMMERSONI CYPRINIDAE GADIDAE LOTA LOTA SALMONIDAE SALVELINUS FONTINALIS	801545 800052 800054 800054 800051 800053 800054 802278 800054 800054 800054 800054 802079 802082 800053 800051 803247 800054 802082 802278 800053 800053 800053 801545 801969 802085 803039 800052 800053 800067 801545 801969 802079 802082 802827 803039 800053 801545 802085 803039 800053 803247 800053 800053 800051 803247 800053 800052 800051 800051 800882 801378 803248 801969 802079 800054 800053 802079 802082 802082 802827 802082 802827 800079 800079 800077 800077 800077 800079 800077 802854 802854 802854 802854 802854	FISH TRANSPORTATION SALMONIDAE SALVELINUS FONTINALIS  FRY CYPRINIDAE CATLA CATLA LABEO ROHITA YOUNG ANGUILLIDAE ANGUILLA ANGUILLA ANESTHETICS CLUPEIDAE DOROSOMA CEPEDIANUM SARDINA PILCHARDUS SPATIAL ORIENTATION ACIPENSEROMORPHA ACIPENSER GUELLENSTAEDTI MUGILOIDEI MUGIL CYPRINIDAE CARASSIUS AURATUS CTENOPHARYNGODON IDELLA SALMONIDAE COREGONUS PELED EXPERIMENTAL ANALYSIS SALMONIDAE SALVELINUS FONTINALIS  DOMESTICATED FISH CYPRINIDAE CYPRINUS CARPIO  PUBLIC AQUARIUM FISH  PET FISH CYPRINIDAE CARASSIUS AURATUS  POISONOUS FISH CHIMAEROMORPHA HYDROLAGUS COLLIEI SQUALOMORPHA SQUALIDAE SOMNIOSUS MICROCEPHALUS TELEOSTEI GRAMMISTIDAE RYPHTICUS SAPONACEUS SCOMBRIDAE TETRAODONTIDAE SPHAEROIDES MACULATUS CYPRINODONTIDAE FUNDULUS DIAPHANUS FUNDULUS HETEROCLITUS CLUPEIDAE HARENGULA CLUPEOLA HARENGULA HUMERALIS OPISTHONEMA OGLINUM EXPERIMENTAL ANALYSIS TETRAODONTIDAE SPHAEROIDES MACULATUS  CIGUATERA PRODUCING TELEOSTEI ACANTHURIDAE LABRIDAE LACHNOLAIMUS MAXIMUS CARANGIDAE CARANX IGNOBILIS CHARANX MELAMPYGUS SERIOLA AUROVITTATA LETHRINIDAE	803180 802695 800088 802664   801873 801873  803220 802849 802168 802454 802454 802454 802454 802835  802278 800930 801551 802278 803334  801602 801600  803256  803181 800006 803181 802034 801917 800006 800006 801114 803181 803181 803181 801917 801917 801917 800113 802984  800006 803086 801917 801917 803086 803086 801106

LETHRINUS MINIATUS	803086	BERYX SPLENDENS	800826	FISH AND MEDICINE
LETHRINUS VARIEGATUS	803086	CARANGIDAE		(CONTINUED)
LUTJANIDAE	801917	TRACHURUS JAPONICUS	800826	
LUTJANUS BOHAR	801114	GEMPYLIDAE		
LUTJANUS GIBBUS	803086	PROMETHEICHTHYS PROMETHEUS	800826	
LUTJANUS MONOSTIGMUS	803086	SCOMBRIDAE		
NEMIPTERIDAE		AUXIS TAPEINOSOMA	800826	
GNATHODENTEX GRANDOCULIS	803086	OSMERIDAE		
SERRANIDAE	801917	OSMERUS MORDAX	803276	
MYCTEROPERCA VENENOSA	803086	PLECOGLOSSIDAE		
SCOMBRIDAE	801949	PLECOGLOSSUS ALTIVELIS	802360	
SCOMBEROMORUS CABALLA		SALMONIDAE		
SPHYRAENOIDEI	801917	SALMO SALAR	803276	
SPHYRAENA BARRACUDA	803086	SALVELINUS FONTINALIS	803276	
BALISTIDAE		BACTERIA		
BALISTES VETULA	801917	SERRANIDAE		
MURAENIDAE	801917	MORONE AMERICANA	803417	
GYMNOTHORAX JAVANICUS	803086	ICH DISEASE		
GEOGRAPHIC VARIATION		TELEOSTEI	801490	
LUTJANIDAE				
LUTJANUS BOHAR	803086			
EXPERIMENTAL ANALYSIS		ATTACKS ON MAN		
CARANGIDAE		SQUALOMORPHA	800001	
SERIOLA DUMERILII	800835		800098	
SERRANIDAE			800112	
EPINEPHELUS FUSCOGUTTATUS	800835		803241	
EPINEPHELUS HEXAGONATUS	800835		803304	
MURAENIDAE		HEXANCHIFORMES		
GYMNOTHORAX JAVANICUS	800835	NOTORYNCHUS MACULATUS	802129	
		SPHYRAENOIDEI		
		SPHYRAENA BARRACUDA	801949	
		BELONIDAE	803360	
		MURAENIDAE		
		GYMNOTHORAX FUNEBRIS	801949	
POISONOUS ROE				
COTTIDAE		ATTACKS ON MANMADE OBJECTS		
SCORPAENICHTHYS MARMORATUS	803181	XIPHIIDAE		
		XIPHIAS GLADIUS	801707	
			802805	
		PARALEPIDIDAE		
		SUDIS HYALINA	800769	
POISONOUS BLOOD				
ANGUILLIDAE				
ANGUILLA ROSTRATA	803181			
		SOURCE OF PHARMACEUTICALS		
		SYNGNATHIDAE	800893	
VENOMOUS FISH				
CHIMAEROMORPHA		USE IN BIOLOGICAL CONTROL		
HYDROLAGUS COLLIEI	803181	CENTRARCHIDAE		
DASYATIDAE		LEPOMIS MICROLOPHUS	802103	
DASYATIS CENTROURA	803181	CICHLIDAE		
DASYATIS DIPTERURUS	803181	TILAPIA MELANOPELURA	800612	
MYLIOBATIDAE			803212	
AETOBATUS NARINARI	801949	TILAPIA MOSSAMBICA	800612	
SQUALIDAE			803212	
SQUALUS ACANTHIAS	803181	TILAPIA ZILLII	800612	
HOLOCENTRIDAE	801917	POECILIIDAE		
SIGANIDAE		GAMBUSIA AFFINIS	801860	
SIGANUS FUSCESCENS	801029		803348	
ICTALURIDAE	803181	CYPRINIDAE		
BATRACHOIDIFORMES		CTENOPHARYNGODON IDELLA	800612	
PORICHTHYS NOTATUS	803181		803348	
		HYPOPHthalmichthys MOLITRIX	800612	
SPOILAGE PROBLEMS		BAGRIDAE		
SCOMBRIDAE		CHRYSICHTHYS MABUSI	800245	
SCOMBER JAPONICUS	802111	CLARIIDAE		
SCOMBER SCOMBRUS	802377	CLARIAS MELLANDI	800245	
PLEURONECTIDAE		MOCHOKIDAE		
PAROPHRYS VETULUS	802475	SYNODONTIS NIGROMACULATUS	800245	
	802476	MORMYRIDAE		
HEXAGRAMMIDAE		GNATHONEMUS MONTEIRII	800245	
PLEUROGRAMMUS MONOPTERYGIUS	802111	VASCULAR PLANTS		
SCORPAENIDAE		BELONTIIDAE		
SEBASTES MARINUS	802400	TRICHOASTER	802071	
GADIDAE		OSPHRONEMIDAE		
BOREOGADUS SAIDA	802111	OSPHRONEMUS GORAMY	802071	
GADUS MACROCEPHALUS	802475	CICHLIDAE		
	802476	TILAPIA ZILLII	802071	
GADUS MORHUA	802395		802072	
MELANOGRAMMUS AEGLEFINUS	802561	TILAPIA MOSSAMBICA	802071	
SALMONIDAE		TILAPIA NILOTICA	802071	
ONCORHYNCHUS KISUTCH	802475	TILAPIA RENDALLI	802072	
	802476	TILAPIA MELANOPELURA	802069	
BACTERIA			802071	
PLEURONECTIDAE		CYPRINIDAE		
PAROPHRYS VETULUS	801512	CTENOPHARYNGODON IDELLA	802069	
			802071	
ANTIVITAMIN CONTENT			802073	
MULLIDAE	801956	CYPRINUS CARPIO	802069	
SCOMBRIDAE			802070	
EUTHYNNUS PELAMIS	801956		802071	
THYNNUS ALBACARES	801956	HYPOPHthalmichthys MOLITRIX	802072	
		PUNTIUS JAVANICUS	802073	
PARASITES SHARED WITH MAN		ALGAE	802071	
BERYCIDAE		CICHLIDAE		
		TILAPIA HEUDELOTI	802076	





	800531		800116	THE SCIENCE OF ICHTHYOLOGY
	800532		800111	(CONTINUED)
	801715		800118	
	801719	J L B SMITH	802209	
	801723	JOHN TEEVAN	803111	
	801728	WILLIAM T INNES	802210	
		RICHARD DORN		
POISONOUS FISH		YELENA FEDOROVNA YEREMEYEVA	800531	
TETRAODONTIDAE	801833		802455	
VENOMOUS FISH				
DASYATIDAE	801833			
CHALLENGER				
EXPEDITION	801836			
YEMEN				
EXPEDITION	801835	EXPEDITION		
		TELEOSTEI	802044	
		CAPTAIN COOK	802542	
BIOGRAPHY AND OBITUARY	800100			
B S LUKASH	803197			
FORSKAL		INSTITUTION		
FORSKAL	801835	AQUARIUM	801076	
HENRY B BIGELOW	802208	INDIANA STATE UNIVERSITY	801878	
HERMANN MEINKEN	800103			
HUGO MULERTT				





## CYPRINIDAE

CYPRINIDAE	802901
BARBUS	
VARICORHINUS	802901
VOLTA L	
CENTROPOMIDAE	800174
CICHLIDAE	800174
CLUPEIDAE	800174
CHARACIDAE	800174
CITHARINIDAE	800174
DISTICHODONTIDAE	800174
HEPSETIDAE	800174
CYPRINIDAE	800174
BAGRIDAE	800174
MOCHOKIDAE	800174
SCHILBEIDAE	800174
MORMYRIDAE	800174
OSTEOGLOSSIDAE	800174

## AUSTRALIA

APLOCHITONIDAE	800149
GALAXIIDAE	800149
RETROPINNIDAE	800149
NEW SOUTH WALES	
PETROMYZONTOMORPHA	
MORDACIA PRAECOX	801492
CHONDROSTEI	
LIGULALEPIS TOOMBSI	800745
SOUTH AUSTRALIA	
SYNGNATHIDAE	802054
TASMANIA	
CHIRONEMIDAE	
THREPTERIUS MACULOSUS	802913
GALAXIIDAE	
GALAXIAS AFFINIS	800987
GALAXIAS PEDDERENSIS	800987
GALAXIAS PARVUS	800987

## EUROPE

GOBIIDAE	802799
AZOV SEA	
GOBIIDAE	800432
BLACK SEA	
GOBIIDAE	800432
GOBIUS CEPHALARGES	803156
GOBIUS PLATYROSTRIS	803156
PERCIDAE	
STIZOSTEDION LUCIOPERCA	803173
DANUBE R	
PETROMYZONTOMORPHA	800929
EUDONTOMYZON DANFORDI	800131
LAMPETRA FLUVIATILIS	800131
LAMPETRA PLANERI	800131
ACIPENSEROMORPHA	800929
ACIPENSER RUTHENUS	800131
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	800929
SYNGNATHIDAE	
SYNGNATHUS NIGROLINEATUS	800929
GOBIIDAE	800929
PERCIDAE	800929
ACERINA CERNUA	800131
ACERINA SCHRAETSER	800131
ASPRO ZINGEL	800131
ASPRO ASPER	800131
LUCIOPERCA LUCIOPERCA	800131
PERCA FLUVIATILIS	800131
POMATOMIDAE	
POMATOMUS SALTATRIX	800929
COTTIDAE	800929
COTTUS GOBIO	800131
ATHERINIDAE	
ATHERINA MOCHON	800929
CLUPEIDAE	800929
ANGUILLIDAE	
ANGUILLA ANGUILLA	800131

## AFRICA

AFRICA

AUSTRALIA

EUROPE

## AUSTRALIA

## EUROPE

EUROPE (CONTINUED)	COBITIDAE	800929	MYCTOPHIDAE	
	COBITIS TAENIA	800929	EOMYCTOPHUM	800747
	MISGURNUS FOSSILIS	800131	GONOSTOMATIDAE	
INDIA	NOEMACHEILUS BARBATULUS	800131	SCOPELOIDES	800747
	CYPRINIDAE	800131	VINCIGUERRIA	800747
		800929	ROMANIA	
	ALBURNUS ALBURNUS X		PETROMYZONTOMORPHA	803245
	ABRAMIS BRAMA X	800196	ELASMOBRANCHII	803245
	CTENOPHARYNGODON IDELLA	800419	ACIPENSEROMORPHA	803245
	SILURIDAE		TELEOSTEI	803245
	SILURUS GLANIS	800131	ICTALURIDAE	
		800929	ICTALURUS MELAS	803153
	GADIDAE		RUSSIA	
	LOTA LOTA	800131	DIPNOI	
		800929	CERATODUS RECTICRISTATUS	801624
	ESOCIDAE		CERATODUS MULTICRISTATUS	801624
	ESOX LUCIUS	800131	CERATODUS DONENSIS	801624
		800929	SCOTLAND	
	UMBRIDAE		ANTIARCHI	
	UMBRA KRAMERI	800929	BOTHRIOLEPIS LAVEROCKLOCHENSIS	802055
	SALMONIDAE	800929	BOTHRIOLEPIS HAYI	802055
	COREGONUS WARTMANNI	800131	BOTHRIOLEPIS TAYLORI	802055
	HUCHO HUCHO	800131	BOTHRIOLEPIS HICKLINGI	802055
	SALMO TRUTTA	800131	BOTHRIOLEPIS WILSONI	802055
	SALMO GAIRDNERII	800131	BOTHRIOLEPIS STEVENSONI	802055
	SALMO OBUSIROSTRIS	800202	SICILY	
	THYMALLUS THYMALLUS	800131	LOPHOTIDAE	
ENGLAND			LOPHOTES CEPEDIANUS	802684
GADIDAE			SPAIN	
LOTA LOTA	800246		COELACANTHINI	
OSMERIDAE			HOLOPHAGUS LERIDAE	802371
OSMERUS EPERLANUS	800626		PHOLIDOPLEURIFORMES	
ESTONIA			PLEUROPHOLIS	802371
PERCIDAE			AMOMORPHA	
PERCA FLUVIATILIS	800494		AMIA MONTSECHENSIS	802371
FRANCE			OPHIOPSIS MONTSECHENSIS	802371
PERLEIDIFORMES			ASPIDORHYNCHOMORPHA	
COLOBODUS	800675		ASPIDORHYNCHUS	802371
SCOMBRIDAE	801450		PYCNODONTOMORPHA	
GERMANY			COELODUS	802371
AMOMORPHA			LEPTOLEPIDOMORPHA	802371
UROCLUS OVATUS	801659		LEPTOLEPIS CRUSAFONTI	802371
IRELAND			INDIA	
MOBULIDAE			ANABANTIDAE	
MOBULA MOBULA	801302		ANABAS OLIGOLEPIS	800614
SQUALIDAE			COBITIDAE	800878
XYNOTUS PARADOXUS	801248		NEOEUCIRRHICHTHYS MAYDELLI	800878
ITALY			NOEMACHEILUS ALTIPELUNCULATUS	800878
BLENNIIDAE			NOEMACHEILUS RENDAHLI	800878
BLENNIUS FLUVIATILIS	800405		TIRAP FRONTIER	
JUGOSLAVIA			COBITIDAE	800965
BLENNIIDAE			CYPRINIDAE	800965
BLENNIUS FLUVIATILIS	800405		PUNTUS STRACHELI	800965
LATVIA			PSILORHYNCHIDAE	
PERCIDAE			PSILORHYNCHUS BALITORA	800965
ACERINA CERNUA	800129		PSILORHYNCHUS SUCATIO	800965
PERCA FLUVIATILIS	800129		AMBLYCEPS MANGOIS	800965
CYPRINIDAE			SISORIDAE	
ABRAMIS BRAMA	800129		EXOSTOMA STUARTI	800965
BLICCA BJOERKNA	800129		GLYPTOTHORAX ANNANDALEI	800965
RUTILUS RUTILUS	800129		UDAIPUR	
SCARDINIUS ERYTHROPHthalmus	800129		CYPRINIDAE	
ESOCIDAE			LABEO UDAIPURENSIS	803127
ESOX LUCIUS	800129		UTTAR PRADESH	
NETHERLANDS			CHANNIFORMES	802530
GADIDAE			ANABANTIDAE	
GADUS MINUTUS	802718		ANABAS TESTUDINEUS	802530
NORTH SEA			BELONTIIDAE	
YORKSHIRE			COLISA FASCIATA	802530
ISURIDAE			GOBIIDAE	
LAMNA NASUS	801315		GLOSSOGOBIIUS GIURIS	802530
TRACHTIPTERIDAE			MASTACEMBELIDAE	
TRACHTIPTERUS ARCTICUS	801315		MASTACEMBELUS ARMATUS	802530
SCOMBRIDAE			MASTACEMBELUS PANCALUS	802530
EUTHYNNUS PELAMIS	801315		MUGILOIDEI	
EXOCOETIDAE			RHINOMUGIL CORSULA	802530
CYPSSELURUS LINEATUS	801315		SICAMUGIL CASCASIA	802530
POLAND			CENTROPOMIDAE	802530
CENTRISCIDAE			NANDIDAE	
CENTRISCUS	800747		NANDUS NANDUS	802530
SYNGNATHIDAE			SCIAENIDAE	
HIPPOSYNGNATHUS	800747		SCIAENA COITOR	802530
HIPPOSYNGNATHUS NERITICUS	802662		TETRAODONTIDAE	
SYNGNATHUS	800747		TETRAODON CUTCUTIA	802530
AMMODYTIDAE			CYPRINODONTIDAE	
AMMODYTES	800747		APLOCHEILUS PANCHAX	802530
SERRANIDAE			EXOCOETIDAE	
SERRANUS	800747		HEMIRAMPHUS GORAKHPURENSIS	802530
SCOMBROIDAE			CLUPEIDAE	802530
PALAEORHYNCHUS	800747		GUDUSIA GODANAHIAI	802530
PALIMPHYES	800747		COBITIDAE	802530
TRICHIURIDAE			CYPRINIDAE	802530
LEPIDOPUS	800747		CIRRHIUS CHAUDHRYI	802530
TRACHINIDAE			BAGRIDAE	
TRACHINUS	800747		CHACIDAE	
CAPROIDAE			CHACA CHACA	802530
CAPROS	800747		PANGASIIDAE	
EXOCOETIDAE			PANGASIVUS PANGASIVUS	802530
HEMIRAMPHUS GEORGI	802662		SCHILBEIDAE	802530
CLUPEIDAE			SISORIDAE	802530
CLUPEA	800747		NOTOPTERIDAE	
GADIDAE			NOTOPTERUS NOTOPTERUS	802530
EOPHYCIS JAMNENSIS	802662			
PALEOGADUS	800747			
ARGENTINIDAE				
GLOSSANODON	800747			





NORTH AMERICA (CONTINUED)	GASTEROSTEIDAE	800120	VIRGINIA	
	CENTRARCHIDAE	800120	LUTJANIDAE	
	PERCIDAE	800120	LUTJANUS	800934
	COTTIDAE	800120	URANOSCOPIIDAE	
NORTH ASIA	CLUPEIDAE		ASTROSCOPUS	800934
	ALOSA PSEUDOHARENGUS	800120	TRIGLIDAE	
	CATOSTOMIDAE	800120	PRIONOTUS	800934
	CYPRINIDAE	800120	CLUPEIDAE	
	ICTALURIDAE	800120	BREVOORTIA	800934
	GADIDAE		BATRACHOIDIFORMES	
	LOTA LOTA	800120	OPSANUS	800934
	PERCOPSIDAE		GADIDAE	
	PERCOPSIS OMISCOMAYCUS	800120	GADUS	800934
	ESOCIDAE	800120	LOPHIIDAE	
	UMBRIDAE		LOPHIUS	800934
	UMBRA LIMI	800120	WISCONSIN	
	OSMERIDAE		SERRANIDAE	
	OSMERUS MORDAX	800120	MORONE MISSISSIPPIENSIS	800152
	SALMONIDAE	800120	MORONE CHRYSOPS	800152
MISSISSIPPI R			WYOMING	
PERCIDAE			DIPNOI	
ETHEOSTOMA HISTRIO	800150		URANOLOPHUS WYOMINGENSIS	803072
MISSOURI R			ZACATECAS	
CYPRINIDAE			JALISCO	
CHROSOMUS ERYTHROGASTER	801426		CYPRINIDAE	
MOAPA R			ALGANSEA MONTICOLA	803066
CYPRINIDAE				
MOAPA CORIACEA	800137			
NEVADA				
CYPRINODONTIDAE				
CRINICHTHYS BAILEYI	800137			
EMPETRICHTHYS LATOS	800137			
CYPRINIDAE				
NOTROPIS VENUSTUS	802225			
NEW BRUNSWICK				
SYNGNATHIDAE				
SYNGNATHUS FUSCUS	800308			
ATHERINIDAE				
MENIDIA MENIDIA	800308			
NEW YORK				
CENTRARCHIDAE				
LEPOMIS AURITUS	800510			
PERCIDAE				
ETHEOSTOMA OLMSTEDI	800510			
PERCINA PELTATA	800510			
COTTIDAE				
COTTUS BAIRDII	800510			
COTTUS COGNATUS	800510			
CYPRINODONTIDAE				
FUNDULUS DIAPHANUS	800510			
CATOSTOMIDAE				
CATOSTOMUS COMMERSONI	800510			
HYPENTELIUM NIGRICANS	800510			
CYPRINIDAE	800510			
ICTALURIDAE				
NOTURUS INSIGNIS	800510			
NORTHWEST TERRITORIES				
CEPHALASPIDIFORMES				
HEMICYCLASPIS MURCHISONI	802056			
OAXACA				
CYPRINIDAE				
NOTROPIS IMELDAE	802050			
OKLAHOMA				
DIPNOI				
GNATHORHIZA SERRATA	801792			
OREGON				
AMIO MORPHA				
AMIA	803236			
CATOSTOMIDAE				
AMYZON	803236			
SILURIFORMES	803236			
HIODONTIDAE				
HIODON	803236			
PENNSYLVANIA				
RHIPIDISTIA				
HYNERIA LINDAE	801073			
QUEBEC				
CEPHALASPIDIFORMES	802739			
ACANTHODII	802739			
ARTHRODIRA	802739			
OSTEOLEPIDOMORPHA				
CALLISTIOPTERUS CLAPPI	801953			
EUSTHENOPTERON FOORDI	801953			
SALT R				
CYPRINIDAE				
NOTROPIS LUTRENSIS	800137			
XYRAUCHEN TEXANUS	800137			
TEXAS				
PRISTIDAE				
ISCHYRHIZA MIRA	803036			
SCLERORHYNCHUS ATAVUS	803036			
DIPNOI				
GNATHORHIZA SERRATA	800157			
ASPIDORHYNCHOMORPHA				
BELONOSTOMUS	801263			
PERCIDAE				
ETHEOSTOMA HISTRIO	800150			
UTAH				
OSTEOLEPIDOMORPHA				
LOHSANIA UTAHENSIS	802359			
COTTIDAE				
COTTUS ECHINATUS	802213			
SALMONIDAE				
SALVELINUS FONTINALIS	800068			
VIRGIN R				
CYPRINIDAE				
PLAGOPTERUS ARGENTISIMUS	800137			

<b>SOUTH AMERICA</b>					
APLOCHITONIDAE	800149	HYPOSTOMUS SIPALIWINII	802883	SOUTH AMERICA	
ARGENTINA		HYPOSTOMUS SARAMACCENSIS	802883		
GEMPYLIDAE		HYPOSTOMUS CORANTIJNI	802883		
RUVETTUS PRETIOSUS	801427	HYPOSTOMUS PAUCIMACULATUS	802883	SOUTH ASIA	
BOLIVIA		HYPOSTOMUS SURINAMENSIS	802883		
CICHLIDAE		HYPOSTOMUS MICROMACULATUS	802883		
APISTOGRAMMA RAMIREZI	800223	HYPOSTOMUS CRASSICAUDA	802883	NORTH ATLANTIC OCEAN	
TRICHOMYCTERIDAE		HYPOSTOMUS VENTROMACULATUS	802883		
TRICHOMYCTERUS CHABERTI	803309	HYPOSTOMUS PSEUDOHEMIURUS	802883		
BRAZIL		HYPOSTOMUS TENUIS	802883		
CICHLIDAE		VENEZUELA			
CRENICICHLA JUPIAENSIS	801909	CICHLIDAE			
SYMPHYSODON AEQUIFASCIATA	800101	APISTOGRAMMA RAMIREZI	800028		
SYMPHYSODON DISCUS	800101				
MOGI GUASSU R					
APTERONOTIDAE					
STERNARCHELLA CURVIOPERCULATA	802591				
ECUADOR		<b>SOUTH ASIA</b>			
DASYATIDAE		BAGRIDAE			
POTAMOTRYGON	802648	BAGRICHTHYS	802896		
PRISTIDAE		BAGROIDES HIRSUTUS	802896		
PRISTIS PEROTTETI	802648	BAGROIDES MELAPTERUS	802896		
TELEOSTEI	802648	HETEROBAGRUS	802896		
L REDONDO		HETEROBAGRUS BOCOURTI	802896		
GOBIIDAE	801041	LEIOCASSIS	802896		
CICHLIDAE	801041	PHILIPPINE I			
SCIAENIDAE		GOBIIDAE			
PLAGIOSCION SQUAMOSISSIMUS	801041	MICROGOBIUS CROCATUS	802058		
SYNBRANCHIDAE		CYPRINIDAE			
SYNBRANCHUS MARMORATUS	801041	PUNTIUS UMALII	802135		
TETRAODONTIDAE		PUNTIUS JOAQUINAE	802135		
COLOMESUS ASELLUS	801041	SINGAPORE			
ENGRAULIDAE		TELEOSTEI	803365		
ANCHOVIELLA BREVIROSTRIS	801041	THAILAND			
ANOSTOMIDAE		LEIOGNATHIDAE	803038		
LONGIRINUS MACULATUS	801041	TSUSHIMA I			
SCHIZODON FASCIATUS	801041	GOBIIDAE	801518		
CHARACIDAE	801041	MUGILOIDEI			
CURIMATIDAE		MUGIL CEPHALUS	801518		
ANODUS LATICEPS	801041	ORYZIATIDAE			
CURIMATUS	801041	ORYZIAS LATIPES	801518		
POTAMORHINA PRISTIGASTER	801041	ANGUILLIDAE			
HEMIDONTIDAE		ANGUILLA JAPONICA	801518		
POECILOBRYCON TRIFASCIATUS	801041	COBITIDAE			
POECILOBRYCON UNIFASCIATUS	801041	MISGURNUS ANGUILLICAUDATUS	801518		
PROCHILODONTIDAE		CYPRINIDAE			
PROCHILODUS	801041	CARASSIUS CARASSIUS	801518		
GYMNOTIDAE		MOROCCO JOUYI	801518		
EIGENMANNIA VIRESCENS	801041	TRIBOLODON HAKONENSIS	801518		
AGENENIOSIDAE		PLECOGLOSSIDAE			
AGENEIOSUS UCAYALENSIS	801041	PLECOGLOSSUS ALTIVELIS	801518		
CALlichthyidae					
CORYDORAS	801041				
DORADIDAE					
OXYDORAS NIGER	801041	<b>NORTH ATLANTIC O</b>			
HYPOPHTHALMIDAE		HOLOCENTRIDAE	800128		
HYPOPHTHALMUS EDENTATUS	801041	SCOMBRIDAE			
LORICARIIDAE		EUTHYNNUS PELAMIS	800143		
PTERYGOPHICHTHYS MULTIRADIATUS	801041	THUNNUS ALALUNGA	800143		
PTERYGOPHICHTHYS PUNCTATUS	801041	BELONIDAE			
PIMELODIDAE		STRONGYLURA MARINA	800155		
PIMELODELLA CRISTATA	801041	STRONGYLURA TIMUCU	800155		
OSTEOGLOSSIDAE		ANGUILLIDAE			
ARAPAIMA GIGAS	801041	ANGUILLA ANGUILLA	800198		
OSTEOGLOSSUM BICIRRHOSUM	801041	OPISTHOPROCTIDAE			
PERU		WINTERIA TELESOPA	800409		
SYNBRANCHIDAE		MYCTOPHIDAE			
SYNBRANCHUS MARMORATUS	800219	DIAPHUS	802060		
CALlichthyidae		DIAPHUS MINAX	802060		
DIANEMA LONGIBARBIS	800219	DIAPHUS SUBTILIS	802060		
R PRETO DA EVA		LOBIANCHIA	802060		
DASYATIDAE		PARALEPIDIDAE			
POTAMOTRYGON MOTORO	801041	UNCISUDIS LONGIROSTRA	800742		
GOBIIDAE	801041	ADRIATIC SEA			
CICHLIDAE	801041	BLENNIIDAE	800999		
SCIAENIDAE	801041	AFRICA			
SOLEIDAE		TRIGLIDAE			
ACHIRUS MENTALIS	801041	LEPIDOTRIGLA CAROLAE	801664		
SYNBRANCHIDAE		MURAENESOCIDAE			
SYNBRANCHUS MARMORATUS	801041	CYNOPONTICUS FEROX	800402		
BELONIDAE		HOPLUNNIS SCHMIDTI	800402		
POTAMORRHAPHIS GUIANENSIS	801041	PARAXENOMYSTAX BIDENTATUS	800402		
STRONGYLURA MICRIPS	801041	AZORES I			
ANOSTOMIDAE	801041	LAMPRIDIFORMES			
CHARACIDAE	801041	RADIICEPHALUS ELONGATUS	800331		
CURIMATIDAE	801041	BAHAMAS I			
ERYTHRINIDAE		GOBIIDAE			
HOPLIAS MALABARICUS	801041	GOBIOSOMA GENIE	801920		
HEMIDONTIDAE		GOBIOSOMA ATRONASUM	801920		
POECILOBRYCON UNIFASCIATUS	801041	GOBIOSOMA LOUISAE	801920		
RHAMPHICHTHYIDAE		ANGUILLIDAE			
GYMNORHAMPHICHTHYS HYPOSTOMUS	801041	ANGUILLA ROSTRATA	800580		
HYPOPOMUS ARTEDI	801041	XENOCONGRIDAE			
AUCHENIPTERIDAE		CATESBYA PSEUDOMURAENA	801919		
CENTROMOCHLUS INTERMEDIUS	801041	BERMUDA			
TRACHYCORYSTES GALEATUS	801041	APOGONIDAE			
LORICARIIDAE	801041	APOGON ROBINSI	801921		
PIMELODIDAE	801041	BRAZIL			
OSTEOGLOSSIDAE		BATRACHOIDIFORMES			
OSTEOGLOSSUM BICIRRHOSUM	801041	PORICHTHYS OCULOURENUM	801188		
RIO NEGRO		PORICHTHYS KYMOSEMEUM	801188		
CHARACIDAE		BRITISH HONDURAS			
BRYCONOPS INPAI	803311	TELEOSTEI	800940		
SURINAM		CLINIDAE			
LORICARIIDAE		ACANTHEMBLEMARIA ASPERA	800940		
HYPOSTOMUS	802883	EMBLEMARIA DIAPHANA	800940		

NORTH ATLANTIC OCEAN (CONTINUED)	ENNEANECTES PECTORALIS	800940	SQUALOMORPHA	800112
	ENNEANECTES ATRORUS	800940	NEWFOUNDLAND	
	ENNEANECTES ALTIVELIS	800940	MORIDAE	
	LABRISOMUS HAITIENSIS	800940	HALARGYREUS JOHNSONII	802312
ARCTIC OCEAN	MALACOCTENUS VERSICOLOR	800940	ICELAND	
	MALACOCTENUS BOEHLKEI	800940	SCORPAENIDAE	
	MALACOCTENUS ERDMANI	800940	SEBASTES FASCIATUS	802039
	STARKSIA NANODES	800940	NICARAGUA	
	STARKSIA LEPICOELIA	800940	TELEOSTEI	800940
	STARKSIA ATLANTICA	800940	BLENNIIDAE	
	GOBIIDAE		HYPLEUROCHILUS SPRINGERI	800940
	QUISQUILIUS HIPOLITI	800940	CLINIDAE	
	LABRIDAE		EMBLEMARIA BAHAMENSIS	800940
	HALICHOERES POEYI	800940	ENNEANECTES PECTORALIS	800940
	HALICHOERES GARNOTI	800940	ENNEANECTES ALTIVELIS	800940
	OPISTOGNATHIDAE		LABRISOMUS NIGRICINCTUS	800940
	OPISTOGNATHUS WHITEHURSTI	800940	MALACOCTENUS BOEHLKEI	800940
	BRITISH I		MALACOCTENUS ERDMANI	800940
	CHIMAEROMORPHA		STARKSIA YLINEATA	800940
	HYDROLAGUS AFFINIS	801084	STARKSIA NANODES	800940
	RAJIDAE		STARKSIA LEPICOELIA	800940
	BREVIRAJA PALLIDA	801084	STARKSIA ATLANTICA	800940
	RAJA RICHARDSONI	801084	GOBIIDAE	
	SQUALIDAE	801084	QUISQUILIUS HIPOLITI	800940
	SYNAPHOBANCHIDAE		LABRIDAE	
	SYNAPHOBANCHUS KAUPI	801084	HALICHOERES MACULIPINNA	800940
	MACROURIDAE		HALICHOERES GARNOTI	800940
	NEMATONURUS ARMATUS	801084	OPISTOGNATHIDAE	
	MORIDAE		OPISTOGNATHUS MAXILLOSUS	800940
	ANTIMORA ROSTRATA	801084	SCORPAENIDAE	
	MORA MORA	801084	SCORPAENA ALBIFIMBRIA	800940
	OPHIIDAE		NORTH SEA	
	PARABASSOGIGAS CRASSUS	801084	GADIDAE	
CANARY I			GADUS ESMARKII	801434
LAMPRIDIFORMES			GONOSTOMATIDAE	
RADIICEPHALUS ELONGATUS	800331		MAUROLICUS MUELLERI	802946
CARIBBEAN SEA			PANAMA	
GOBIIDAE			MICRODESMIDAE	
GOBIONELLUS SAEPEPALLENIS	803088		CERDALE FLORIDANA	800283
APOGONIDAE			PORTUGAL	
APOGON PILLIONATUS	801921		MELANOSTOMIATIDAE	
SCIAENIDAE			PACHYSTOMIAS MICRODON	801063
CYNOSCION SIMILIS	801391		SARDINIA	
BATRACHOIDIFORMES			BLENNIIDAE	800852
PORICHTHYS BATHOIKETES	801188		SENEGAL	
CENTRAL AMERICA			CARANGIDAE	
GOBIIDAE			CHLOROSCOMBRUS CHRYSURUS	800172
GOBIOSOMA ILLECEBROSUM	801920		SCYRIS ALEXANDRINA	800172
COLOMBIA			SPAIN	
CARANGIDAE			BLENNIIDAE	
DECAPTERUS TABL	801766		BLENNIUS CANEVAE	801568
DOMINICA			TYRRHENIAN SEA	
GOBIESOCIFORMES			LOBOTIDAE	
TOMICODON RHABDOTUS	803068		LOBOTES SURINAMENSIS	802863
EUROPE			VENEZUELA	
GOBIIDAE			BATRACHOIDIFORMES	
GOBIUS MINUTUS	801059		PORICHTHYS OCULOFRENUM	801188
FERNANDO POO			WEST INDIES	
CYPRINODONTIDAE			GOBIIDAE	
APHYOSEMION SANTAISABELLAE	801991		BARBULIFER ANTENNATUS	801920
FLORIDA			GOBIOSOMA RANDALLI	801920
APOGONIDAE			GOBIOSOMA PROCHILUS	801920
APOGON PHENAX	801921		GOBIOSOMA TENOX	801920
APOGON XENUS	801921		GOBIOSOMA EVELYNAE	801920
APOGON PILLIONATUS	801921		JOGLLOSSUS HELENAE	803014
POMACENTRIDAE			APOGONIDAE	
CHROMIS SCOTTI	800142		APOGON ROBINSI	801921
CONGRIDAE			APOGON XENUS	801921
NETTODARUS BREVIROSTRIS	800583		APOGON PHENAX	801921
SYNAPHOBANCHIDAE	801352		APOGON PILLIONATUS	801921
FLORIDA STRAITS			APOGON ANISOLEPIS	801921
ANGUILLIDAE			OPHICHTHIDAE	
ANGUILLA ROSTRATA	800580		VERMA ANSP	803139
GULF OF GUINEA			YORKSHIRE	
ELASMOBRANCHII	802408		CARCHARINIDAE	
TELEOSTEI	802408		MUSTELUS MUSTELUS	800703
GULF OF MEXICO			GADIDAE	
REGALECIDAE			GADUS ESMARKII	800703
REGALECUS GLENE	802124		YUCATAN	
LUTJANIDAE			TELEOSTEI	800940
LUTJANUS CYANOPTERUS	803064		CLINIDAE	
CYCLOPTERIDAE			ACANTHEMBLEMARIA CHAPLINI	800940
PARALIPARIS CALIDUS	802120		ENNEANECTES PECTORALIS	800940
ICELAND			ENNEANECTES ALTIVELIS	800940
BRAMIDAE			LABRISOMUS HAITIENSIS	800940
PTERYCOMBUS BRAMA	801653		MALACOCTENUS ERDMANI	800940
SPARIDAE			STARKSIA LEPICOELIA	800940
PAGELLUS CENTRODONTUS	801653		STARKSIA ATLANTICA	800940
HIMANTOLOPHIDAE			GOBIIDAE	
HIMANTOLOPHUS GROENLANDICUS	801653		LYTHRYPNUS ELASSON	800940
IRELAND			QUISQUILIUS HIPOLITI	800940
SALMONIDAE			LABRIDAE	
SALMO SALAR	800248		HALICHOERES MACULIPINNA	800940
MEDITERRANEAN SEA			HALICHOERES GARNOTI	800940
BLENNIIDAE			OPISTOGNATHIDAE	
BLENNIUS INCOGNITUS	803062		OPISTOGNATHUS MAXILLOSUS	800940
OPHIIDAE				
BELLOTTIA APODA	801758			
MORECAMBE BAY				
ELASMOBRANCHII	800476			
ACIPENSEROMORPHA				
ACIPENSER STURIO	800476			
TELEOSTEI	800476			
MOROCCO				
LAMPRIDIFORMES				
RADIICEPHALUS ELONGATUS	800331			
NEW YORK				
			ARCTIC O	
			BARENTS SEA	
			GADIDAE	801115
			MERLUCCIIDAE	
			MERLANGUS MERLANGUS	801115
			MYCTOPHIDAE	
			MYCTOPHUM GLACIALE	801115



NOTOSCOPELUS ELONGATUS	801115	IDIACANTHUS NIGER	801655	ARCTIC OCEAN (CONTINUED)
PARALEPIDIDAE		GULF OF GUINEA		
PARALEPIS RISSOI	801115	ELASMOBRANCHII	802408	
SPIITSBERGEN		TELEOSTEI	802408	SOUTH ATLANTIC OCEAN
CHONDROSTEI				
ORVIKUINA	800745			NORTH PACIFIC OCEAN
<b>SOUTH ATLANTIC O</b>		<b>NORTH PACIFIC O</b>		
HOLOCENTRIDAE	800128	TELEOSTEI	802044	
SCOMBRIDAE		HOLOCENTRIDAE	800128	
EUTHYNNUS PELAMIS	800143	LUVARIDAE		
THUNNUS ALALUNGA	800143	LUVARUS IMPERIALIS	800151	
BELONIDAE		SCOMBRIDAE		
STRONGYLURA MARINA	800155	THUNNUS ALALUNGA	800143	
STRONGYLURA TIMUCU	800155	OPISTHOPROCTIDAE		
OPISTHOPROCTIDAE		OPISTHOPROCTUS GRIMALDII	803323	
WINTERIA TELESCOPA	800409	WINTERIA TELESCOPA	802492	
AFRICA		MELANOSTOMIATIDAE		
TRIGLIDAE		BATHOPHILUS FLEMINGI	800158	
LEPIDOTRIGLA CAROLAE	801664	STOMIATIDAE		
MURAENESOCIDAE		BATHOPHILUS CUYANORUM	802215	
CYNOPONTICUS FEROX	800402	BATHOPHILUS KINGI	802215	
PARAXENOMYSTAX BIDENTATUS	800402	ALASKA		
BARBOURISIIDAE		STICHAEIDAE	801475	
BARBOURISIA RUFA	803060	COTTIDAE	801475	
MYCTOPHIDAE		CYCLOPTERIDAE		
DIAPHUS OSTENFELDI	803060	LIPARISCUS NANUS	801475	
ASTRONESTHIDAE		HEXAGRAMMIDAE		
ASTRONESTHES INDICUS	803060	HEXAGRAMMOS OCTOGRAMMUS	801475	
MELANOSTOMIATIDAE		AMAMI OSHIMA I		
MELANOSTOMIAS TENTACULUS	803060	HOLOCENTRIDAE		
ANGOLA		HOLOCENTRUS CORNUTUS	800877	
KYPHOSIDAE		BLENNIIDAE		
KYPHOSUS INCISOR	801496	ISTIBLENNIUS KIKAIENSIS	800877	
ANNOBON I		MUGILOIDEI		
HOLOCENTRIDAE		LIZA PARVA	800877	
HOLOCENTRUS ASCENSIONIS	800173	APOGONIDAE		
BLENNIIDAE		APOGON ISOSTIGMA	800877	
BLENNIUS LANGI	800173	APOGON EXOSTIGMA	800877	
BLENNIUS CRISTATUS	800173	CARANGIDAE		
ENTOMACRODUS TEXTILIS	800173	CARANX ISHIKAWAI	800877	
OPHIUBLENNIUS ATLANTICUS	800173	CARANX MALABARICUS	800877	
CLINIDAE		LETHRINIDAE		
LABRISOMUS NUCHIPINNIS	800173	LETHRINUS AMAMIANUS	800877	
GOBIIDAE		LUTJANIDAE		
BATANGA ANGUSTIFRONS	800173	CAESIO ERYTHROGASTER	800877	
BATHYGObIUS SOPORATOR	800173	POMACENTRIDAE		
ELEOTRIS ANNOBONENSIS	800173	CHROMIS XANTHURUS	800877	
GOBIUS CASAMANCUS	800173	SERRANIDAE		
GOBIUS NIGRICINCTUS	800173	EPINEPHELUS SUMMANA	800877	
GOBIUS LATERISTRIGA	800173	PLECTRANTHIAS ANTHIOIDES	800877	
NEMATOGObIUS BRACHYNEMUS	800173	BAJA CALIFORNIA		
SICYDIUM BREVIFILE	800173	SCOMBRIDAE		
LABRIDAE		EUTHYNNUS PELAMIS	800143	
THALASSOMA ASCENSIONIS	800173	CALIFORNIA		
CARANGIDAE		ANOPOLOGASTERIDAE		
CAESIOMORUS GLAUCUS	800173	ANOPOLOGASTER CORNUTA	801858	
CARANX LUGUBRIS	800173	MELAMPHAEIDAE	801858	
POMACENTRIDAE		MACRORHAMPHOSIDAE		
ABUDEFDUF MARGINATUS	800173	MACRORHAMPHOSUS GRACILIS	801858	
ABUDEFDUF ANOLOGUS	800173	LAMPRIDAE		
MICROSPATHODON CHRYSURUS	800173	LAMPRIUS REGIUS	801858	
POMACENTRUS LEUCOSTICTUS	800173	LOPHOTIDAE		
POMADASYIDAE		LOPHOTES CRISTATUS	801858	
POMADASYUS INCISUS	800173	REGALECIDAE		
SERRANIDAE		REGALECUS GLENE	801858	
EPINEPHELUS ASCENSIONIS	800173	TRACHTERIDAE	801858	
PRIACANTHUS CRUENTATUS	800173	ICOSTEOIDEI		
RYPTICUS SAPONACEUS	800173	ICOSTEUS AENIGMATICUS	801858	
RYPTICUS ARENATUS	800173	APOGONIDAE		
BOTHIDAE		HOWELLA BRODIEI	801858	
BOTHUS GUIBEI	800173	BRAMIDAE		
SOLEIDAE		BRAMA JAPONICA	801858	
MONOCHIRUS HISPIDUS	800173	PTERACLIS VELIFERA	801858	
BALISTIDAE		TARACTES LONGIPINNIS	801858	
BALISTES FORCIPATUS	800173	CARISTIIDAE		
BELONIDAE		CARISTIUS MACROPUS	801858	
BELONE PLATYURA	800173	PENTACEROTIDAE		
MURAENIDAE		PENTACEROS RICHARDSONI	801858	
UROPTERYGIUS	800173	GEMPYLIDAE		
GOBIESOCIFORMES		GEMPYLUS SERPENS	801858	
APLETODON PELLEGRINI	800173	LEPIDOCYBIUM FLAVOBRUNNEUM	801858	
ARGENTINA		RUVELTUS PRETIOSUS	801858	
RAJIDAE		LUVARIDAE		
RAJA FRERICHSI	800195	LUVARUS IMPERIALIS	801858	
RAJA SCHROEDERI	800195	TRICHIURIDAE		
SQUALIDAE	800195	ASSURGER ANZAC	801858	
ETMOPTERUS GRACILISPINIS	800195	LEPIDOPUS XANTUSI	801858	
ETMOPTERUS PUSILLUS	801655	TRICHIURUS NITENS	801858	
POLYMIKIIDAE		CENTROLOPHIDAE		
POLYMIKIA LOWEI	801655	ICHTHYS LOCKINGTONI	801858	
APOGONIDAE		NOMEIDAE		
SYNAGROPS BELLA	801655	CUBICEPS GRACILIS	801858	
BOTHIDAE		PSENE PELLUCIDENS	801858	
MANCOPSETTA MILFORDI	801655	TETRAGONURIDAE		
COTTUNCULIDAE		TETRAGONURUS CUVIERI	801858	
COTTUNCULUS GRANULOSUS	801655	CHIASMODONTIDAE	801858	
GRAMMICOLEPIDIDAE		URANOSCOPIDAE		
XENOLEPIDICHTHYS DALGLEISHI	801655	KATHETOSTOMA AVERRUNCUS	801858	
OREOSOMATIDAE	801655	AGONIDAE		
PSEUDOCYTTUS MACULATUS	801655	XENERETMUS LATIFRONS	801858	
CHLOROPHTHALMIDAE		CYCLOPTERIDAE		
CHLOROPHTHALMUS FRASERBRUNNERI	801655	CAREPROCTUS MELANURUS	801858	
IDIACANTHIDAE		ZANIOLEPIDIDAE		
		ZANIOLEPIS LATIPINNIS	801858	
		ZANIOLEPIS FRENATA	801858	



SERRANIDAE		NOVODON CONVEXIROSTRIS	800332	SOUTH PACIFIC OCEAN (CONTINUED)
POLYPRIONUM OXYGENEOIS	800394	DIODONTIDAE		
ISTIOPHORIDAE		ALLOMYCTERUS JACULIFERUS	800332	INDIAN OCEAN
TETRAPTERUS BREVIROSTRIS	800394	TETRAODONTIDAE		
SCORPAENIDAE		LIOSACCUS AEROBATICUS	801508	
MAXILLICOSTA SCABRICEPS	800394	ZEIDAE	800332	
PTEROPTERUS ANTENNATUS	800394	POECILIIDAE		
SYNANCEJIDAE		POECILIA	801372	
EROSA FRATRUM	800394	CLUPEIDAE		
BALISTIDAE		SARDINOPS NEOPILOCHARDUS	800332	
BALISTOIDES VIRIDESCENS	800394	ENGRAULIDAE		
OSTRACIANTIDAE		ENGRAULIS AUSTRALIS	800332	
ACARANA AURITA	800394	CONGRIDAE		
OSTRACION MELEAGRIS	800394	CONGER VERREAUXI	800332	
PARACANTHOSTRACION PENTACANTHUS	800394	GNATHOPHIS HABENATA	800332	
TETRAODONTIDAE		GADIDAE		
CANTHIGASTER CALLISTERNUS	800394	PHYSICULUS BACCHUS	800332	
GASTROPHYSUS PERLEVIS	800394	MACROURIDAE		
EXOCOETIDAE		COELORHYNCHUS AUSTRALIS	800332	
ARDEAPISCIS WELSBYI	800394	MORIDAE		
ENGRAULIDAE		LEPIDION MICROCEPHALUS	801508	
THRASSINA NASUTA	800394	OPHIIDIIDAE		
MURAENIDAE		GENYPTERUS BLACODES	800332	
LYCODONTIS WOOLIIENSIS	800394	GONORYNCHIDAE		
ANTENNARIIDAE		GONORYNCHUS GONORYNCHUS	800332	
HISTRIO HISTRIO	800394	ARGENTINIDAE		
NEW ZEALAND		ARGENTINA ELONGATA	800332	
MYXINOMORPHA		APLOCHITONIDAE	800149	
HEPTATRETUS CIRRHOSUS	800332	GALAXIIDAE	800149	
DASYATIDAE	800332		800976	
RAJIDAE		NEOCHANNA APODA	800333	
RAJA	800332	RETROPINNIDAE	800149	
TORPEDINIDAE		RETROPINNA	802106	
TORPEDO FAIRCHILDII	800332	MYCTOPHIDAE		
CARCHARINIDAE		LAMPADENA NOTIALIS	803087	
GALEORHINUS AUSTRALIS	800332	MYCTOPHUM PHENGODES	801508	
MUSTELUS ANTARCTICUS	800332	PARALEPIDIDAE		
SCYLIORHINIDAE		CHLOROPHTHALMUS NIGRIPINNIS	800332	
CEPHALOSCYLLIUM ISABELLA	800332	PERU		
SPHYRNIDAE		SCARIDAE		
SPHYRNA	800332	NICHOLSINA USTA	803150	
HEXANCHIFORMES				
NOTORYNCHUS	800332			
SQUALIDAE				
SQUALUS BLAINVILLII	800332			INDIAN O
BERYCIDAE		HOLOCENTRIDAE	800128	
TRACHICHTHODES AFFINIS	800332	BRAMIDAE		
TRACHICHTHYIDAE		STEINEGERIA RUBESCENS	800451	
PARATRACHICHTHYS	800332	ENGRAULIDAE	801927	
MACRORHAMPHOSIDAE		COILIA RAMCARATI	801927	
CENTRISCOPS LILLIEI	800332	MORINGUIDAE		
MACRORHAMPHOSUS SCOLOPAX	800332	MORINGUA	803307	
SYNGNATHIDAE		ARIIDAE	802036	
ICHTHYOCAMPUS FILUM	800332	OPISTHOPROCTIDAE		
CALLIONYMOIDEI		OPISTHOPROCTUS SOLEATUS	803323	
YERUTIUS PHASIS	801508	WINTERIA TELESCOPA	800409	
LABRIDAE		MYCTOPHIDAE		
PSEUDOLABRUS	800332	LAMPADENA NOTIALIS	803087	
MUGILOIDEI		MELANOSTOMIATIDAE		
ALDRICHETTA FORSTERI	800332	BATHOPHILUS INDICUS	800158	
POGONIDAE		STOMIATIDAE		
SCEPTERIAS LENIMEN	801508	BATHOPHILUS CUYANORUM	802215	
ARRIPIDIDAE		BATHOPHILUS NOVICKI	802215	
ARIPIS TRUTTA	800332	ARABIAN SEA		
CARANGIDAE		SOLEIDAE		
CARANX LUTESCENS	800332	ZEBRIAS ALTIPINNIS	800458	
SERIOLA GRANDIS	800332	MINICOY I		
TRACHURUS NOVAEZEALANDIAE	800332	LABRIDAE		
CEPOLIDAE		LABROIDES DIMIDIATUS	801330	
CEPOLA AOTEA	800332	GULF OF ADEN		
CHEILODACTYLIDAE		CONGRIDAE		
CHEILODACTYLUS DOUGLASII	800332	PSEUDOPHICHTHYS MACROPORIS	800710	
CHEILODACTYLUS MACROPTERUS	800332	MURAENIDAE		
LATRIDAE		GYMNOTHORAX SOKOTRENSIS	800710	
LATRIDOPSIS CILIARIS	800332	GYMNOTHORAX RETICULARIS	800710	
MULLIDAE		NETTASTOMATIDAE		
UPENEICHTHYS POROSUS	800332	NETTASTOMA ELONGATUM	800710	
PENTACEROTIDAE		OPHICHTHIDAE		
PARISTIOPTERUS LABIOSUS	800332	MYROPHIS LEPTURUS	800710	
XANCLISTIUS ELEVATUS	800332	GULF OF AQABA		
POMACENTRIDAE		PSEUDOCROMIDAE		
PARMA MICROLEPIS	801508	PSEUDOCROMIS FRIDMANI	802589	
SERRANIDAE	800332	INDIA		
ANTHIAS PULCHELLUS	801508	Gobiidae		
SPARIDAE		KOUMANSIASIS MACROCEPHALUS	800170	
CHRYSOPHRYS AURATUS	800332	CARANGIDAE		
GEMPYLIDAE		CARANX LUGUBRIS	800439	
JORDANIDIA SOLANDRI	800332	DECAPTERUS DAYI	800450	
LEIONURA ATUN	800332	DECAPTURUS RUSSELLI	800450	
SCOMBRIDAE		CHAETODONTIDAE		
SCOMBER JAPONICUS	800332	CHAETODON JAYAKARI	800444	
TRICHIURIDAE		ECHENEIDAE		
LEPIDOPUS CAUDATUS	800332	PHOTHEIRICHTHYS LINEATUS	800439	
CENTROLOPHIDAE		REMORA OSTEOCHIR	800439	
SERIOLELLA BRAMA	800332	PEMPHERIDAE		
MUGILOIDIDAE		PARAPRICANTHUS GUENTHERI	800439	
PARAPERCIS COLIAS	800332	PSEUDOCROMIDAE		
URANOSCOPIIDAE		PSEUDOCROMIS TAPEINOSOMA	800439	
GENYAGNUS MONOPTERYGIUS	800332	PSEUDOGAMMIDAE		
KATHETOSTOMA GIGANTEUM	800332	PSEUDOGAMMA POLYACANTHUS	800439	
BOTHIDAE		SCIAENIDAE		
ARNOGLOSSUS SCAPHA	800332	JOHNIUS NOVAEHOLLANDIAE	800456	
PLEURONECTIDAE	800332	SERRANIDAE		
SCORPAENIDAE		ANTHIAS SQUAMIPINNIS	800439	
HELICLENUS PERCOIDES	800332	ANTHIAS CICHLOPS	800439	
TRIGLIDAE	800332	POLYNEMOIDEI		
BALISTIDAE				



INDIAN OCEAN (CONTINUED)	POLYNEMUS MICROSTOMA	800454	BATHYMYRUS SMITHI	803308
	SCOMBRIDAE		NATAL	
	SARDA ORIENTALIS	800453	CARANGIDAE	
	SPHYRAENOIDEI		CARANX WILLIAMSII	803306
ANTARCTIC OCEAN	SPHYRAENA NOVAEHOLLANDIAE	800439	MACROURIDAE	
	SOLEIDAE		MACRURORPLUS ORI	803368
	BRACHIRUS PANOIDES	800457	RED SEA	
	LIACHIRUS MELANOSPILUS	800439	GOBIIDAE	803369
	PARDACHIRUS MARMORATUS	800457	BIAT MAGNUSI	800404
	BALISTIDAE		CYCLOPTERIDAE	
	PARALUTERUS PRIONURUS	800439	LIPARIS FISHELSONI	800171
	PARAMONACANTHUS OBLONGUS	800439	CONGRIDAE	
	TETRAODONTIDAE		DIPLOCONGER POLYSTIGMATUS	800710
	CANTHIGASTER AMBOINENSIS	800439	SEYCHELLES I	
	TRIACANTHIDAE		MICRODESMIDAE	
	ATROPHACANTHUS DANAE	800444	GUNNELICHTHYS CURIOSUS	802920
	ATHERINIDAE		GUNNELICHTHYS VIRIDESCENS	802920
	ALLANETTA BARNESI	800439	SOMALIA	
	ATHERION AFRICANUS	800439	CARCHARINIDAE	
	CHIROCENTRIDAE		TRIAKIS FEHLMANNI	803065
	CHIROCENTRUS NUDUS	800442	SOMALILAND	
	CONGRIDAE		CONGRIDAE	
	RHYNCHOCONGER ECTENURUS	800710	ARIOSOMA SOMALIENSE	800710
	OPHICHTHIDAE		DIPLOCONGER POLYSTIGMATUS	800710
	NEENCHELYS BUITENDIJKI	800710	ZANZIBAR	
	CARAPIDAE		CARANGIDAE	
	JORDANICUS GRACILIS	800439	CARANX CELETUS	803306
	OPHIDIIDAE			
	DINEMATICTHYS ILUOCOETEIOIDES	800439		
	ANTENNARIIDAE		ANTARCTIC O	
	ANTENNARIUS COCCINEUS	800439	ANTARCTICA	
	MYCTOPHIDAE		ACANTHODII	
	MYCTOPHUM AUROLATERNATUM	800439	ANTARCTONCHUS GLACIALIS	800702
	MYCTOPHUM EVERMANNI	800439	BYSSACANTHOIDES DEBENHAMI	800702
	IDIACANTHIDAE		COSMACANTHUS	800702
	IDIACANTHUS FASCIOLA	800449	GYRACANTHIDES WARRENI	800702
KENYA			ANTIARCHI	
	CONGRIDAE		BOTHRIOLEPIS ANTARCTICA	800702
	LEMKEA HETEROLINEA	800710	ARCTOLEPIDOMORPHA	
	XENOCONGRIDAE		ANTARCTASPIS MCMURDOENSIS	800702
	ROBINIA CATHARINAE	800710	ANTARCTOLEPIS GUNNI	800702
LACCADIVE I			ELASMOBRANCHII	
	SYNGNATHIDAE		MCMURDODONTIDAE	800702
	ICHTHYOCAMPUS BELCHERI	801926	MCMURDODUS FEATHERENSIS	800702
	GOBIIDAE		CLADOSELACHOMORPHA	
	ACENTROGOBIUS AESTUARIUS	801926	CLADOSELACHE	800702
	QUISQUILIUS INHACA	801926	OSTEOLEPIDOMORPHA	
	APOGONIDAE		GYROPTYCHIUS	800702
	CHEILODIPTERUS LACHNERI	801926	SOUTH GEORGIA I	
MOZAMBIQUE			ZOARCIDAE	
	LABRIDAE		LYCENCHELYS BELLINGSHAUSENI	803155
	LEPIDAPLOIS GRANDISQUAMIS	802116	SOUTH SHETLAND I	
	OWSTONIIDAE		ZOARCIDAE	
	SPHENANTHIAS SIMOTERUS	803368	LYCENCHELYS ARATRIROSTRIS	803155
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	801257	ANCTIL, M	800945	ATKULIEV
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ABDURAKHMANOV, J I	803170	ANDERSON, EVERETT	800744	
ABE, KOJI	802958	ANDERSON, HAMILTON H	800835	
ABOUSSOUAN, A	800172	ANDERSON, JOHN M	802605	
	800911	ANDERSON, MARGARET L	802560	
	802715	ANDERSON, RICHARD O	802849	
ABRAHAM, A	802017	ANDERSON, WILLIAM W	801053	
ABRAMOFF, PETER	801688	ANDO, KAZUO	801451	
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ABRAMOVA, N B	802042	ANDREWS, A P	802913	
ABROSIMOVA, A M	800696	ANDREWS, AUSTIN K	802753	
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ACARA, A H	802756	ANDRIYASHEV, A P	803155	
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ACKMAN, R G	801412		802808	
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ACOSTA, PEDRO A	801947		800026	
ADASCALTITEI, ECATERINA	803032		800190	
ADDISON, R F	801412		800392	
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AHLSTROM, ELBERT H	801778		801105	
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AISO, K	800870		801204	
AKAZAWA, HITOMI	801031		801343	
ALBERS, R WAYNE	800189		801344	
ALBERTSON, ROGER D	802651		801560	
ALBRECHT, HELMUT	800685		801571	
	800711		801600	
	801710		801671	
ALBRECHTSEN, K	802250		801674	
ALBUQUERQUE, J JACKSON L	802053		801675	
ALDEBERT, YVONNE	801995		801676	
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ALEEM, ANWAR ABDEL	801833		802136	
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ALEXANDER, R MCNEILL	800274	ANUKHINA, A M	802643	
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ALFRED, ERIC R	801430	ANUKHINA, A M	801138	
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ALLANSON, B R	800297	APEKIN, V S	801107	
ALLEN, A K	802268	APFELBACH, R	800389	
ALLEN, GEORGE H	801643		800685	
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ALLEN, JOHN ROBERT LAWRENCE	801754		803239	
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ALLISON, H J	801703		801400	
ALLISON, LEONARD H	802855	ARAGA, CHUICHI	802271	
ALLISON, RAY	802101	ARBAULT, SUZANNE	803040	
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ALLISON, WILLIAM S	803105		801142	
ALMEIDA, L J	802294		802171	
ALOJ, S	801196	ARME, C	800303	
ALONCLE, H	802166	ARMSTRONG, ROBERT H	802340	
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ALT, KENNETH T	802356	ARNOLD, M	801433	
ALTUKHOV, E A	801497	ARONSON, LESTER R	803443	
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ALVERSON, DAYTON L	801779	ARP, ARTHUR	802697	
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AMANO, RYOHEI	800477	ASHMOLE, N PHILIP	800011	
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AMEND, DONALD F	802842	ASTAKHOVA, T V	803333	
AMIN, OMAR MOHAMED	800276	ASTANIN, L P	803159	
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AMMERAAL, ROBERT NEAL	800789		800229	
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ATHERTON, LOUISA  
ATKIN, NIELS B

ATTON, F M  
ATZ, ETHEL H  
ATZ, JAMES W  
AUBERT, X  
AUCLAIR, R P  
AUERBACH, SUSAN E  
AVAILT, JAMES W JR

AVERETT, ROBERT C  
AWACHIE, J B E  
AWAKURA, TERUHIKO  
AXELROD, HERBERT R

AZUMA, HIROSHI  
AZUMA, MIKIO  
BAADE, ROBERT

BABIKER, YOUSIF  
BABURINA, E A  
BACALBASA, NICOLAE  
BACKIEL, TADEUSZ

BACKUS, R H  
BACON, EDMOND J JR  
BADER, HERBERT  
BAENNINGER, RONALD  
BAERENDS, G P

BAGENAL, T B  
BAGGERMAN, BERTHA  
BAGLEY, SUSAN J  
BAGLIN, RAYMOND E JR  
BAGOT, ELIZABETH  
BAILEY, GEORGE S  
BAILEY, R G

BAIRD, RONALD C  
BAKER, BRIDGET I  
BALASUBRAHMANYAM, K  
BALDRIDGE, H DAVID JR  
BALL, J N

BALL, R C  
BALLARD, WILLIAM W  
BALLINTJN-DE VRIES, G  
BALLINTJN, C M  
BALON, EUGENIUSZ K

BALSANO, JOSEPH S  
BANARESCU, PETRU

BANDURSKI, ROBERT S  
BANERJI, TAPAN KUMAR  
BANINA, N N  
BANNER, ARNOLD  
BAPAT, S V  
BAPTIST, JOHN P  
BARA, GONUL  
BARANAUSKIENE, A  
BARANENKOVA, A S  
BARANNIKOVA, I A

BARBOUR, CLYDE D  
BARCLAY, S DE C  
BARD, J  
BARDACH, JOHN E

BARDACK, DAVID

BARKER, C J  
BARLOW, GEORGE W

BARNETT, MICHAEL A

BARR, W A  
BARRETT, B E  
BARRINGTON, E J W  
BARRON, KEVIN D  
BARSUKOV, V V  
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BAXTER, G T  
BAYER, FREDERICK M  
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BEAMISH, F W H  
BEARD, T W  
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BEAULIEU, GERARD  
BEAUMAN, WILLIAM  
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BECKER, C DALE  
BECKETT, J S

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BEIRNE, CAPERTON  
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BELLAMY, MILDRED D  
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BELOKOPYTIN, YU S  
BELSARE, D K  
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BELYANINA, T N  
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BENAMY, DANIEL A  
BENDA, ROBERT S  
BENDER, MICHAEL EARL  
BENDIX-ALMGREEN, SVEND ERIK  
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BENKARA-MOSTEFA, M  
BENNET, P SAM

BENNETT, MICHAEL V L

BENNINGER, HUGO  
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BERGERON, JULIEN  
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BERGMANN, HANS-HEINER  
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BERINKEY, L  
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BERMAN, DAVID S  
BERN, HOWARD A

BERNARD, M  
BERNET-ROLLANDE, MARIE-CLAIRE  
BERNSOHN, JOSEPH  
BERNSTEIN, JERALD J  
BERNSTEIN, MARY E  
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 BRADSHAW, SIDNEY D 800209  
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 BROCK, VERNON E 800598  
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 BROCKERHOFF, H 800009  
 BROCKSEN, ROBERT W 801285  
 BRODER, LAWRENCE E 800672  
 BROMAGE, N R 801424  
 BROMLEY, DENNIS D 803009  
 BROOKS, JOHN LANGDON 803091  
 BROOKSHIRE, KENNETH H 800467  
 BROTCHE, J 800726  
 BROUWER, EDUARD 802202  
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 BROWN, EDWARD H JR 800207  
 BROWN, ELISE ANN BRANDENBURGER 800574  
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 BROWN, PAT 801301  
 BROWNELL, ROBERT L JR 802598  
 BRUDIN, LARS 803415  
 BRUIJNS, M 801914  
 BRUMMETT, ANNA RUTH 802497  
 BRUNSON, WAYNE D 802635  
 BRUSYNINA, I N 800799  
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 BUCKNALL, GEOFFREY 801176  
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 BUDD, J C 802573  
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 BUHLER, DONALD R 800565  
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 BULGER, RUTH ELLEN 801652  
 BULL, J M 803094  
 BULLIS, HARVEY R JR 801777  
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 BULLOCK, THEODORE H 800824  
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 BURKE, W DAVID 802725  
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 BURNETT, JEAN B 800166  
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 BUSSIERAS, J 803021  
 BUSSING, W A 803275  
 BUTLER, D G 800731  
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 BUTLER, ROBERT L 802696  
 BYCZKOWSKA-SMYK, WANDA 800640  
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 BYZOV, A L 800673

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 TO  
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CABEJSEK  
TO  
CROKAERT

CABEJSEK, MILAN  
CACES-BORJA, PRISCILLA

CADENAT, J  
CADWALLADR, D A  
CAHILL, G F  
CAHN, PHYLLIS H  
CAHNDR, RAVISH  
CAILLOUET, CHARLES W JR  
CAIRNS, JOHN JR  
  
CALDERON, ENRIQUE G  
CALDWELL, RICHARD STANLEY  
CALDWELL, WILLARD E  
CALLEGARINI, CARLO  
  
CAMERON, JAMES N  
CAMP, C L  
CAMPBELL, GORDON  
CANDELAS, GRACIELA C  
CANESTRI, VICTOR  
CAPREOL, S V  
CARAVITA, SILVIA  
CARBERY, J T

CARL, GERD  
CARLANDER, KENNETH D  
CARLSON, C P  
CARLSON, CLARENCE A  
CARLSON, FRANK T  
CARLSON, KEITH J  
CARLTON, WILLIAM G  
CARMIGNANI, MARIA PIA ALBANESE  
CAROTHERS, JOHN L  
CARPENTER, JAMES S  
CARRERES, J  
CARROTHERS, P J G  
CARSON, JOHN B  
CARTER, LUCY  
CARTER, NEIL E

CASE, GERARD P  
CASOLA, LUIGI

CASTEX, MARIANO N  
CASTLE, P H J

CAULFIELD, W  
CAUTIS, ILENA

CAVANAH, HAROLD S  
CAVENDER, TED M  
CAVICCHIOLI, G  
CECH, JOSEPH J JR  
CELLER, MIROSLAW

CERNY, KAREL  
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CHADWICK, HAROLD K  
CHAKRABARTI, K K

CHAKRAPANY, S  
CHAMBERLAIN, THEODORE C  
CHAN, D K O

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CHANG, RANDOLPH K C  
CHAPLIN, CHARLES C G  
CHAPMAN, D W

CHAPMAN, GARY A  
CHAPMAN, GEORGE B  
CHAPMAN, RAY  
CHAPMAN, WILBERT MACLEOD  
CHAROUSSET, FRANCOIS

CHARTIER-BARADUC, MARIE-MADELEINE

CHARYEV, R  
CHASTON, I

CHAUDHURI, HIRALAL  
CHAUHAN, P P S  
CHAULK, R  
CHAUVET, J  
CHAUVET, M T  
CHAVIN, WALTER  
CHEEK, RANDALL P  
CHEN, H  
CHEN, TCHAW-REN

CHENNUBHOLTA  
CHERNENKO, E V  
CHERVINSKI, JONATHAN

CHESS, JAMES  
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CHIEFFI, GIOVANNI

CHIKUNI, SHIRO

CHILDS, MICHAEL O'MEARA  
CHIN, K C  
CHINA, W E  
CHIRIAC, EL  
CHISLENKO, L L  
CHIZINSKY, WALTER  
CHLUPATY, PETER  
CHOAT, J H  
CHOE, TAE SIK  
CHRISTIANSEN, HARALDO E  
CHRISTIE, W J  
CHUA, T E  
CHUBA, JOSEPH V  
CHUBB, J C  
CHUNG, BYUNG-SUN  
CHUNG, JONG RAK  
CHURCH, R E (RON)  
CHURCHILL, D N  
CIARDELLI, ALEJANDRO  
CIHAR, J  
CIULLO, ROBERT HENRY  
CLADY, MICHAEL D  
CLAFF, LLOYD  
CLAIRE, ERROL W

CLARK, EUGENIE  
CLARK, JOHN  
CLARK, JOHN B  
CLARKE, THOMAS ARTHUR  
CLARKE, W CRAIG  
CLARKE, W D  
CLEAVER, FREDERICK CHARLES  
CLEMMENS, HOWARD P

CLEMMER, GLENN H  
COBB, BRYANT F. III  
COHEN, DANIEL M

COHEN, PHILIP P

COHEN, SYLVAN  
COKE, MICHAEL  
COLE, CHARLES F  
COLE, GERALD A  
COLLETTE, BRUCE B

COLLIGNON, J

COLLIN, JEAN-PIERRE

COLLINS, GERALD B  
COLOMBO, V E  
COMBS, BOBBY D

CONGLETON, JAMES L  
CONNELLY, HARRIET  
CONNOR, P M  
CONTE, FRANK P  
CONTRERAS, SALVADOR  
COOK, BARBARA A  
COOLEY, ARTHUR P  
COON, KENNETH L  
COOPER, ALLAN  
COOPER, GERALD P  
COOPER, JOHN E  
COOPERSTEIN, S J  
COPELAND, B J  
COPELIN, FARRELL  
COPP, D HAROLD  
CORDONE, ALMO J  
CORJUNOVA, S V  
CORLETT, JOHN  
CORLEY, D R  
CORNELIUS, RICHARD R  
CORNELL, J HARRY

CORSIN, J  
CORTES, M T  
COSTANZO, D J  
COUSSEAU, MARIA B  
COVELLI, I  
COWAN, C MICHAEL  
COWEY, C B  
COWGILL, URSULA M  
COX, STEVEN J  
CRADDOCK, D R  
CRADDOCK, JAMES E

CRANE, JOHN W

CRANE, JULES M JR  
CREPY, D  
CRESCENZI, ARMAND A  
CRESSEY, ROGER F  
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	801670	DEMPSTER, ROBERT P	800066	
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DA SILVA, E J	801496	DEVILLE, JACQUELINE	801415	
DADZIE, STEPHEN	802294		803053	
DAGAN, Y	800427	DEVILLERS, CH	803410	
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DAHL, FREDERICK H	803035	DEWITT, HUGH	803100	
	802732	DEYOE, C W	800882	
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DAHLBERG, MICHAEL DANIEL	801445	DHARMAMBA, MUTHUSAMY	800735	
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FLESS, D A	801888	GAIGALAS, K	800263	
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	800072	GAMMON, J R	803163	
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	800647	GANDOLFI, GILBERTO	802660	
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FLOODGATE, G D	800436		802685	
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	801630	GARIN, D	801143	
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FOLLENIUS, ERNEST	801298	GARNETT, D G	802305	
	801314	GARRISON, ROBERT L	800079	
FOLLETT, W I	800521	GARSDIE, E T	802612	
	802223	GASAWAY, CHARLES R	801378	
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	801297	GATEHOUSE, C G	800403	
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	802972	GAUBERT, HENRI	800268	
	803247		800613	
FORRESTER, C R	801751		801317	
	802299	GAUTRON, JEAN	800022	
FORSTER, G R	801084	GAVRILOV, G B	803196	
FORSYTHE, MICHAEL GEORGE	801480	GAYGALAS, K S	803320	
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FOX, LAWRENCE S	802506	GEE, J H	802412	
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FRANCK, DIERK	801733	GELFANT, SEYMOUR	802178	
FRANCO, PHILIP S	800125		802184	
FRANK, STANISLAV	800204	GELLER, NAOMI	803243	
	800391	GEORGE, JEAN	801177	
	800493	GEORGE, K C	800444	
	800550	GERARD-BURZAWA, E	801297	
	801020	GERBERICH, J B	802162	
FRANKE, HANNS-JOACHIM	801388	GERD, A S	803335	
	803018	GERLACH, MAGNUS	801049	
	800856	GERMAIN, PAUL	800579	
	801058	GERRICK, DAVID J	800716	
FRANKENBERG, ROGER	800987	GERRULAITIS, A	802801	
FRANKOWIAK, ROBERT	801800	GERUS, M M	801416	
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FRASER, DORIS I	802377		800588	
	802400		801022	
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FRASER, J M	802695		801238	
	802835		801369	
FRASER, THOMAS H	802189	GEYER, G	802028	
FREEMAN, BARRY O	801395	GHITTINO, P	802509	
FREEMAN, H C	801358		803311	
	802381		801605	
FREESE, M	801469		800982	
FREIMARK, STEVEN J	803264		800984	
FREITAS, YVONNE M	802294	GHOSH, A N	802373	
FREUDENBERG, H	800839	GHOSH, ASOK	803483	
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FRICKE, HANS-WALTER	803367	GIBAVICIENE, D	802811	
FRIDBERG, GUNNAR	800668	GIBBS, ROBERT H JR	800158	
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FRISA, CHARLES	802971		802215	
FROLICH, K O	801466	GIBSON, R N	801734	
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	802262	GIESE, ARTHUR C	800576	
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FRY, JAMES P	802748	GILBERT, CLAIRE K	800112	
FRYER, GEOFFREY	800015	GILBERT, JOHN W	801783	
	800384	GILBERT, PERRY W	800112	
	801229		803304	
	801230	GILL, CHARLES A	802282	
FRYER, JOHN L	802842	GILL, CHARLES D	802402	
	803297	GILLETTE, JANET R	801286	
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	803270	GLASS, NORMAN R	800511	
FUJII, TAKEJI	801100	GLENN, C L	802415	
	802109	GLOGOWSKY, MICHAEL	801635	
	802110	GLOVER, C J M	802054	
	802885	GLUCKSMAN, JOSEPH	801682	
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GONTHIER, BEATRICE  
GOOD, R A  
GOODWIN, WALTER F  
GOODY, PETER C  
GOORIS, RAYMOND J  
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GORFF, LOTHAR  
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GORYCZKO, KRZYSZTOF  
GOSLINE, WILLIAM A  
  
GOSELIN-REY, C  
  
GOSWAMI, S C  
GOSWAMI, SHASHI V  
  
  
  
GOT, RENE  
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GOTTSCALK, KARL C  
GOULD, EDITH  
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GOVINDAN, P  
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GRABDA-KAZUBSKA, BOZENA  
GRABDA, EUGENIUSZ  
  
GRABDA, JADWIGA  
  
GRABOWSKI, JOHN G  
GRAF, JAKOB  
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GRAHAM, CHARLES R JR  
  
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KAPLAN, HARRIET	801192		800760	
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KAUSCH, HARTMUT	800836		801719	
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KEMMERER, ANDREW J	801682	KOBAYASHI, GENJI	802110	
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KRIETSCH, PETER  
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TOLLEFSON, THOR C ET ALIA  
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TOPP, ROBERT W

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TURNER, WILLIAM R  
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WINN, HOWARD E  
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WINTERBOURN, M J  
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WISE, JOHN P  
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WOHLFARTH-BOTTERMANN, K E  
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WOOD, CHARLES E  
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WOODLING, BRUCE ARTHUR  
WOODS, C S  
WOOLCOTT, WILLIAM S  
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800001	RHIND, JOLYON - 1968 <b>NATAL DEFEATS THE SHARKS</b> THE GEOGRAPHICAL MAGAZINE (LONDON) 11(10)860-864, 8 FIGS	84(2)219-237, 12 FIGS	800001 - 800028
800002	TATUM, BUFORD 'RED' - 1968 <b>NORTHERN PIKE GAIN FOOTHOLD IN STATE LAKES</b> OUTDOOR OKLAHOMA 24(1)17-19, 5 FIGS		
800003	BRANHAM, LOWELL - 1968 <b>NEWEST FISH THAT SWIMS</b> FIELD AND STREAM 72(10)64 + 155-160, 1 FIG		
800004	VAN DEN NIEUWENHUIZEN, AREND - 1968 <b>PLEZIER MET CICHLIDEN DEEL 1 TILAPIA THOLLONI</b> HET AQUARIUM (DEN HAAG) 38(7)158-164, 7 FIGS		
800005	VERHOEF, H J - 1968 <b>ERVARINGEN MET DE KEIZERTETRA NEMATOBRYCON</b> <b>PALMERI EIGENMANN (1911)</b> HET AQUARIUM (DEN HAAG) 38(7)146-152, 6 FIGS		
800006	DE SYLVA, DONALD P - 1968 <b>POISON IN THE POT</b> SEA FRONTIERS 14(1)3-8, 6 FIGS		
800007	ANONYMOUS - 1968 <b>SLEEPING SHARK</b> SEA FRONTIERS 14(1)17, 1 FIG		
800008	SOUTHWICK, CHARLES H; WARD, RONALD W - 1968 <b>AGGRESSIVE DISPLAY IN THE PARADISE FISH</b> <b>MACROPODUS OPERCULARIS L</b> TURTOX NEWS 46(2)57-62, 6 FIGS, 1 TABLE		
800009	BROCKSEN, ROBERT W; DAVIS, GERALD E; WARREN, CHARLES E - 1968 <b>COMPETITION FOOD CONSUMPTION AND PRODUCTION OF</b> <b>SCULPINS AND TROUT IN LABORATORY STREAM</b> <b>COMMUNITIES</b> J WILDLIFE MANAGE 32(1)51-75, 19 FIGS, 5 TABLES		
800010	AVERETT, ROBERT C; ESPINOSA, F A JR - 1968 <b>SITE SELECTION AND TIME OF SPAWNING BY TWO</b> <b>GROUPS OF KOKANEE IN ODELL LAKE OREGON</b> J WILDLIFE MANAGE 32(1)76-81, 3 FIGS, 3 TABLES		
800011	ASHMOLE, MYRTLE J; ASHMOLE, N PHILIP - 1968 <b>THE USE OF FOOD SAMPLES FROM SEA BIRDS IN THE</b> <b>STUDY OF SEASONAL VARIATION IN THE SURFACE</b> <b>FAUNA OF TROPICAL OCEANIC AREAS</b> PAC SCI 22(1)1-10, 1 TABLE		
800012	SALMON, MICHAEL; WINN, HOWARD E; SORGENTE, NINO 1968 <b>SOUND PRODUCTION AND ASSOCIATED BEHAVIOR IN</b> <b>TRIGGERFISHES</b> PAC SCI 22(1)11-20, 4 FIGS, 3 TABLES		
800013	YAMAGUTI, SATYU - 1968 <b>CESTODE PARASITES OF HAWAIIAN FISHES</b> PAC SCI 22(1)21-36, 7 FIGS, 1 TABLE		
800014	RUDEBERG, CLAES - 1968 <b>STRUCTURE OF THE PINEAL ORGAN OF THE SARDINE</b> <b>SARDINA PILCHARDUS SARDINA (RISSO) AND SOME</b> <b>FURTHER REMARKS ON THE PINEAL ORGAN OF MUGIL</b> <b>SPP</b> Z ZELLFORSCH		
800015	FRYER, GEOFFREY - 1968 <b>AN UNUSUAL FISH PARASITE</b> PETFISH MONTHLY 2(10)410-411, 4 FIGS		
800016	ENG, LEE CHIN - 1968 <b>SPAWNING THE CLOWN FISH</b> PETFISH MONTHLY 2(11)449- 450, 1 FIG		
800017	UNWIN, PETER - 1968 <b>GUPPY WORLD</b> PETFISH MONTHLY 2(11)453-454		
800018	KLAUSEWITZ, WOLFGANG - 1968 <b>WASSERSCHEUE FISCHE</b> AQUARIEN MAG JAN(1)6-11, 9 FIGS		
800019	VAN DEN NIEUWENHUIZEN, AREND - 1968 <b>PELMATOCHROMIS THOMASI</b> AQUARIEN TERRARIEN Z 21(2)33-38, 13 FIGS 21(3)79-80 + 81-84, 12 FIGS		
800020	KIMMEL, SIEGFRIED - 1968 <b>DER ZWERGBUSCHFISCH CTENOPOMA NANUM</b> AQUARIEN TERRARIEN Z 21(2)43-45, 2 FIGS		
800021	NEYELOV, A V - 1968 <b>THE SYSTEMATIC POSITION OF THE HOOKHORN</b> <b>SCULPINS OF THE GENUS ARTEDIELLUS JORDAN AND</b> <b>ALLIED GENERA COTTIDAE PISCES</b> ZOOLOG ZH 47(1)99-103, 5 TABLES IN RUSSIAN WITH ENGLISH SUMMARY		
800022	ISRAEL, MAURICE; GAUTRON, JEAN; LESBATS, BERNARD - 1968 <b>ISOLEMENT DES VESICULES SYNAPTQUES DE L'ORGANE</b> <b>ELECTRIQUE DE LA TORPILLE ET LOCALISATION DE</b> <b>L'ACETYLCHOLINE A LEUR NIVEAU</b> C R HEBD SEANCES ACAD SCI (PARIS) SER D 266(3)273-277, 2 PLATES, 2 TABLES		
800023	CHLUPATY, PETER - 1968 <b>EIN BERGMANN DER NUR STEINE FORDERT</b> AQUARIEN MAG FEB(2)57-58, 3 FIGS		
800024	ASWERUS, BERND M - 1968 <b>ES GIBT NOCH NEUES VOM DREISTACHELIGEN</b> <b>STICHLING</b> AQUARIEN MAG FEB(2)62-69, 9 FIGS		
800025	VON FILEK, JOHANNA; VON FILEK, WERNER - 1968 <b>EIN DORN IM AUGE DIE SYSTEMATIK DER DORNAUGEN</b> AQUARIEN MAG FEB(2)72-75, 5 FIGS		
800026	ANONYMOUS - 1968 <b>EIN GUPPY WIRD GEBOREN</b> AQUARIEN MAG FEB(2)52-53, 5 FIGS		
800027	VAN DEN NIEUWENHUIZEN, AREND - 1968 <b>GYMNOCORYMBUS TERNETZI DER TRAUERMANTELSALMLER</b> AQUARIUM TERRARIEN Z 21(1)3-7, 10 FIGS		
800028	FISCHER, PAUL E - 1968 <b>APISTOGRAMMA RAMIREZI IST DOCH VENEZOLANER</b> AQUARIEN TERRARIEN Z 21(1)8-11, 1 FIG		



800029 - 800055	800029	WOLF, KURT - 1968 IST ELASSOMA EVERGLADEI DER ZWERGBARSCH IN VERGESSENHEIT GERATEN AQUARIEN TERRARIEN Z 21(1)10-12, 1 FIG	THE ESTIMATION OF THE QUALITY OF CARP BY MEANS OF LENGTH TO HEIGHT RATIO AND RELATIVE WEIGHT GAINS FAO (FOOD AGR ORGAN UN) FISH REP 44(4)160-168, 3 FIGS, 3 TABLES	
	800030	PAULO, JOCHEN - 1968 FEHLVERHALTEN BEI PELMATOCHROMIS CAMERUNENSIS AQUARIEN TERRARIEN Z 21(1)12-14, 2 FIGS	800043	KEMPINSKA, HELENA - 1968 THE GROWTH OF FEMALES AND MALES OF CARP (CYPRINUS CARPIO) FAO (FOOD AGR ORGAN UN) FISH REP 44(4)169-178, 1 FIG, 3 TABLES
	800031	LUCKY, ZDENEK - 1968 ANOMALIEN UND KÖRPERDEFORMATIONEN VON ZIERFISCHEN AQUARIEN TERRARIEN Z 21(1)14-16, 6 FIGS	800044	KIRPITSCHNIKOV, V S - 1968 EFFICIENCY OF MASS SELECTION AND SELECTION FOR RELATIVES IN FISH CULTURE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)179-194, 3 FIGS, 4 TABLES
	800032	HERKNER, HUGO - 1968 BEOBACHTUNGEN AN ICHTHYOPHTHIRIUS MULTIFILIIS FOUQUET AQUARIEN TERRARIEN Z 21(1)24-27, 4 FIGS	800045	KONRADT, A G - 1968 METHODS OF BREEDING THE GRASS CARP, CTENOPHARYNGODON IDELLA AND THE SILVER CARP, HYPOPHthalmichthys MOLITRIX FAO (FOOD AGR ORGAN UN) FISH REP 44(4)195-204, 5 TABLES
	800033	MOAV, ROM; WOHLFARTH, G W - 1968 GENETIC IMPROVEMENT OF YIELD IN CARP FAO (FOOD AGR ORGAN UN) FISH REP 44(4)12-29, 4 FIGS, 4 TABLES	800046	ANDRIASHEVA, M A - 1968 SOME RESULTS OBTAINED BY THE HYBRIDIZATION OF CYPRINIDS FAO (FOOD AGR ORGAN UN) FISH REP 44(4)205-214, 1 FIG, 6 TABLES
	800034	CHAUDHURI, HIRALAL - 1968 BREEDING AND SELECTION OF CULTIVATED WARM WATER FISHES IN ASIA AND THE FAR EAST A REVIEW FAO (FOOD AGR ORGAN UN) FISH REP 44(4)30-66, 1 TABLE	800047	GOLOVINSKAIA, K A - 1968 GENETICS AND SELECTION OF FISH AND ARTIFICIAL GYNOGENESIS OF THE CARP (CYPRINUS CARPIO) FAO (FOOD AGR ORGAN UN) FISH REP 44(4)215-222, 2 TABLES
	800035	CLEMMENS, HOWARD P - 1968 A REVIEW OF SELECTION AND BREEDING IN THE CULTURE OF WARM WATER FOOD FISHES IN NORTH AMERICA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)67-80	800048	PRUGNIN, Y - 1968 THE CULTURE OF CARP AND TILAPIA HYBRIDS IN UGANDA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)223-229, 2 FIGS
	800036	DE MENEZES, RUI SIMOES - 1968 CRIA Y SELECCION DE LOS PECES CULTIVADOS EN AGUAS TEMPLADAS EN AMERICA DEL SUR Y CENTRAL FAO (FOOD AGR ORGAN UN) FISH REP 44(4)81-85	800049	SABIONCELLO, IVO; MARKO, SIBILA - 1968 QUELQUES EXPERIENCES AVEC LE FRAI ARTIFICIAL DE LA CARPE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)230-236, 1 TABLE
	800037	GREENE, GEORGE N - 1968 A REPRODUCTION CONTROL FACTOR IN THE CYPRINID FISH BRACHYDANIO RERIO FAO (FOOD AGR ORGAN UN) FISH REP 44(4)86-92, 2 TABLES	800050	AVAVULT, JAMES W JR; SHELL, E W - 1968 PRELIMINARY STUDIES WITH THE HYBRID TILAPIA TILAPIA NILOTICA X TILAPIA MOSSAMBICA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)237-242, 3 TABLES
	800038	WLODEK, J M - 1968 STUDIES ON THE BREEDING OF CARP (CYPRINUS CARPIO) AT THE EXPERIMENTAL POND FARMS OF THE POLISH ACADEMY OF SCIENCES IN SOUTHERN SILESIA POLAND FAO (FOOD AGR ORGAN UN) FISH REP 44(4)93-116, 5 FIGS, 3 TABLES	800051	SWINGLE, H S - 1968 BIOLOGICAL MEANS OF INCREASING PRODUCTIVITY IN PONDS FAO (FOOD AGR ORGAN UN) FISH REP 44(4)243-257, 11 TABLES
	800039	THEREZIEN, Y - 1968 ESSAI DE DETERMINATION DES PERTES AU COURS DES DIFFERENTES PHASES DE LALEVINAJE DE LA CARPE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)117-139, 9 TABLES	800052	YAS-OUV, A - 1968 MIXED FISH CULTURE AN ECOLOGICAL APPROACH TO INCREASE POND PRODUCTIVITY FAO (FOOD AGR ORGAN UN) FISH REP 44(4)258-273, 7 TABLES
	800040	THERPZON, P - 1968 ETUDE SUR LA REPRODUCTION A MADAGASCAR DE COUPLES DE DIFFERENTES ESPECES DE TILAPIA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)140-147, 5 TABLES	800053	RABANAL, HERMINIO R - 1968 STOCK MANIPULATION AND OTHER BIOLOGICAL METHODS OF INCREASING PRODUCTION OF FISH THROUGH POND FISH CULTURE IN ASIA AND THE FAR EAST FAO (FOOD AGR ORGAN UN) FISH REP 44(4)274-288, 6 TABLES
	800041	LESSENT, P - 1968 ESSAIS D'HYBRIDATION DANS LE GENRE TILAPIA A LA STATION DE RECHERCHES PISCICOLES DE BOUAKE, COTE D'IVOIRE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)148-159, 4 FIGS	800054	HUET, M - 1968 METHODES BIOLOGIQUES D'ACCROISSEMENT DE LA PRODUCTION PISCICOLE (EUROPE ET AFRIQUE) FAO (FOOD AGR ORGAN UN) FISH REP 44(4)289-327
	800042	STEGMAN, KAZIMIERZ - 1968	800055	THEREZIEN, Y - 1968

800056 BACKIEL, TADEUSZ; STEGMAN, KAZIMIERZ - 1968  
**TEMPERATURE AND YIELD IN CARP PONDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)334-342, 4 TABLES

800069 CAIRNS, JOHN JR; SCHEIER, ARTHUR - 1968  
**A COMPARISON OF THE TOXICITY OF SOME COMMON  
INDUSTRIAL WASTE COMPONENTS TESTED INDIVIDUALLY  
AND COMBINED**  
PROGR FISHCULT  
30(1)3-8, 3 TABLES

800057 AVAULT, JAMES W JR; SHELL, E W; SMITHERMAN, R O  
1968  
**PROCEDURES FOR OVERWINTERING TILAPIA**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)343-345, 1 TABLE

800070 GROUTAGE, THOMAS M - 1968  
**UNIQUE ILLINOIS POND SUPPORTS RAINBOW TROUT**  
PROGR FISH-CULT  
30(1)9-12, 2 TABLES

800058 LIVOJEVIC, ZLATKO - 1968  
**METHODES AMELIOREES DELEVAGE DES CARPILLONS DUN  
ETE POUR ACCROITRE LA PRODUCTION DES ETANG DE  
CARPICULTURE**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)346-352

800071 LATAPIE, WALTER R - 1968  
**TAGS NOT RECOVERED FROM ATLANTIC CROAKERS**  
PROGR FISH-CULT  
30(1)12

800059 SHELL, E W - 1968  
**MONOSEX CULTURE OF MALE TILAPIA NILOTICA  
LINNAEUS IN PONDS STOCKED AT THREE RATES**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)353-356, 2 TABLES

800072 FLICK, WILLIAM - 1968  
**DISPERSAL OF AERATED WATER AS RELATED TO  
PREVENTION OF WINTERKILL**  
PROGR FISH-CULT  
30(1)13-18, 4 FIGS, 1 TABLE

800060 DENZER, HANS W - 1968  
**STUDIES ON THE PHYSIOLOGY OF YOUNG TILAPIA**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)357-366, 3 FIGS, 1 TABLE

800073 BULLOCK, GRAHAM L - 1968  
**THE BACTERIOLOGY OF BROOK TROUT WITH TAIL ROT**  
PROGR FISH-CULT  
30(1)19-22, 1 FIG, 2 TABLES

800061 COON, KENNETH L; LARSEN, ALFRED; ELLIS, JAMES E  
1968  
**A MECHANIZED HAUL SEINE FOR USE IN FARM PONDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)367-385, 14 FIGS, 3 TABLES

800074 GUNSTROM, GARY K - 1968  
**GONAD WEIGHT TO BODY WEIGHT RATIO OF MATURE  
CHINOOK SALMON MALES AS A MEASURE OF GONAD SIZE**  
PROGR FISH-CULT  
30(1)23-25, 1 FIG, 1 TABLE

800062 PROWSE, G A - 1968  
**STANDARDIZATION OF STATISTICAL METHODS IN FISH  
CULTURE RESEARCH**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)386-396

800075 HERTING, GERALD E - 1968  
**RATE OF DIGESTION IN THE BOWFIN**  
PROGR FISH-CULT  
30(1)26-28, 1 TABLE

800063 SWINGLE, H S - 1968  
**STANDARDIZATION OF CHEMICAL ANALYSES FOR WATERS  
AND POND MUDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)397-421, 1 FIG, 2 TABLES

800076 MCCOMISH, THOMAS S - 1968  
**SEXUAL DIFFERENTIATION OF BLUEGILLS BY THE  
UROGENITAL OPENING**  
PROGR FISH-CULT  
30(1)28, 1 FIG

800064 SWINGLE, H S - 1968  
**STANDARDIZATION OF BIOLOGICAL METHODS IN FISH  
CULTURE RESEARCH**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)422-429, 3 TABLES

800077 LEWIS, WILLIAM M - 1968  
**ISOBORNYL THIOCYANOACETATE AS A FISH DRUGGING  
AGENT AND SELECTIVE TOXIN**  
PROGR FISH-CULT  
30(1)29-31, 2 TABLES

800065 ALIKUNHI, K H - 1968  
**STANDARDIZATION OF BIOLOGICAL STUDIES IN FISH  
CULTURE RESEARCH**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)430-474

800078 BUSBEE, RAYMOND L - 1968  
**PISCIVOROUS ACTIVITIES OF THE CHANNEL CATFISH**  
PROGR FISH-CULT  
30(1)32-34, 1 FIG, 1 TABLE

800066 DENDY, J S - 1968  
**TESTING PLANT MATERIALS FOR DETECTION OF  
OXYGEN-DEFICIENT WATER IN PONDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)475-479, 2 FIGS

800079 GARRISON, ROBERT L - 1968  
**THE TOXICITY OF PRO-NOXFISH TO SALMONID EGGS  
AND FRY**  
PROGR FISH-CULT  
30(1)35-38, 4 FIGS, 2 TABLES

800067 WOHLFARTH, G W; MOAV, ROM - 1968  
**THE RELATIVE EFFICIENCY OF EXPERIMENTS  
CONDUCTED IN UNDIVIDED PONDS AND IN PONDS  
DIVIDED BY NETS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)487-492, 1 TABLE

800080 CLADY, MICHAEL D; ULRIKSON, GERALD U - 1968  
**MORTALITY OF RECENTLY HATCHED BLUEGILL FRY AS A  
RESULT OF HYDRA**  
PROGR FISH-CULT  
30(1)39-40

800068 RABE, FRED W - 1968  
**BROOK TROUT POPULATIONS IN HIGH LAKES  
NORTHWEST SCI**

800081 REINGOLD, MELVIN - 1968  
**WATER TEMPERATURE AFFECTS THE RIPENING OF ADULT  
FALL CHINOOK SALMON AND STEELHEAD**  
PROGR FISH-CULT  
30(1)41-42, 1 FIG

800082 REGIER, H A; SWALLOW, W H - 1968  
**AN AQUARIUM TEMPERATURE CONTROL SYSTEM FOR  
FIELD STATIONS**

- 800083 PROGR FISH-CULT  
30(1)43-46, 2 FIGS, 1 TABLE
- 800083 IHM, WILLIAM J - 1968  
**MOUNTING FISH SPINE SECTIONS RAPIDLY AND PERMANENTLY**  
PROGR FISH-CULT  
30(1)46, 1 FIG
- 800084 LONSDALE, E M; BAXTER, G T - 1968  
**DESIGN AND FIELD TESTS OF A RADIO-WAVE TRANSMITTER FOR FISH TAGGING**  
PROGR FISH-CULT  
30(1)47-52, 4 FIGS
- 800085 MAXWELL, JAMES I - 1968  
**PRODUCTION OF CHANNEL CATFISH FINGERLINGS**  
PROGR FISH-CULT  
30(1)52, 1 TABLE
- 800086 TRACY, HARRY B - 1968  
**DEVELOPMENT OF A SHALLOW-WATER TAGGING GUN**  
PROGR FISH-CULT  
30(1)53-56, 3 FIGS
- 800087 GRISWOLD, BERNARD L - 1968  
**A TUBE FOR OBSERVING SALMONID EGGS IN NATURAL REDDS**  
PROGR FISH-CULT  
30(1)56, 1 FIG
- 800088 BURGGRAFF, LEO J; WEILER, WILLIAM C - 1968  
**A NEW FISH LOADER FOR COLORADO**  
PROGR FISH-CULT  
30(1)61, 1 FIG
- 800089 WYDOSKI, RICHARD S; WOLFERT, DAVID R - 1968  
**AN IMPROVED GIRTHOMETER FOR STUDIES OF GILL NET SELECTIVITY**  
PROGR FISH-CULT  
30(1)62-64, 2 FIGS, 1 TABLE
- 800090 MCCAULEY, ROBERT W; TRIMBORN, F - 1968  
**INCUBATING RAINBOW TROUT EGGS IN HEATED, RECIRCULATED WATER**  
PROGR FISH-CULT  
30(1)64
- 800091 GRANT, P T; REID, K B M - 1968  
**ISOLATION AND A PARTIAL AMINO ACID SEQUENCE OF INSULIN FROM THE ISLET TISSUE OF COD, GADUS CALLARIAS**  
BIOCHEM J  
106(2)531-541, 5 FIGS, 4 TABLES
- 800092 SAUNDERS, DOROTHY CHAPMAN - 1968  
**VARIATIONS IN THROMBOCYTES AND SMALL LYMPHOCYTES FOUND IN THE CIRCULATING BLOOD OF MARINE FISHES**  
TRANS AMER MICROSC SOC  
87(1)39-43, 35 FIGS
- 800093 TEWARI, H B; RAJBANSHI, V K - 1968  
**HISTOCHEMICAL LOCALIZATION OF ALKALINE AND ACID PHOSPHATASES IN THE LATERAL LINE CANAL ORGANS OF A FRESHWATER TELEOST, SACCOBRANCHUS FOSSILIS**  
TRANS AMER MICROSC SOC  
87(1)43-53, 9 FIGS
- 800094 VAN DEN NIEUWENHUIZEN, AREND - 1968  
**DE ZWARTE OF ROUW TETRA**  
AQUARIUM (DEN HAAG)  
38(8)176-180, 8 FIGS
- 800095 BRANDES, C H; GÄNGEL, G; KOWALSKY, H - 1968  
**AUSWIRKUNGEN EINER SCHABENBEKÄMPFUNG AUF DEN TIERBESTAND EINER AQUARIUM UND TERRARIUM ABTEILUNG**  
Z ANGEW ZOOL  
55(1)71-100, 2 FIGS, 12 TABLES
- 800096 HICKLING, C F - 1968  
**FISH HYBRIDIZATION**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)1-11
- 800097 SOLDWEDEL, ROBERT H - 1968  
**BROOKBOWS**  
NJ OUTDOORS  
18(10)20, 1 FIG
- 800098 KENNEY, NATHANIEL T - 1968  
**SHARKS: WOLVES OF THE SEA**  
NAT GEOGR MAG  
113(2)222-257, 33 FIGS
- 800099 ZUKAL, RUDOLF - 1968  
**APISTOGRAMMA REITZIGI**  
TROPICAL FISH HOBBYIST  
16(8)12-13 + 15-17 + 19 + 21 + 24, 13 FISH
- 800100 BRITTAN, MARTIN R - 1968  
**COLONEL JOERGEN SCHEEL: A LOGICAL MAN**  
TROPICAL FISH HOBBYIST  
16(8)64-65, 69-70, 2 FIGS
- 800101 SCHULTZ, HARALD - 1968  
**SEARCH FOR THE REAL BLUE DISCUS SYMPHYSDON AEQUIFASCIATA HARALDI**  
TROPICAL FISH HOBBYIST  
16(7)4-9 + 11-13 + 15 + 37 + 40-41 + 44-45 + 48-49, 21 FIGS
- 800102 WILHELM, HERMANN - 1968  
**A NEW APHYOSEMION: BEAUFORTI**  
TROPICAL FISH HOBBYIST  
16(7)16-21, 11 FIGS
- 800103 BRITTAN, MARTIN R - 1968  
**HERMANN MEINKEN: A PIONEER**  
TROPICAL FISH HOBBYIST  
16(7)25-27 + 30, 3 FIGS
- 800104 SCHWARTZ, H W; LEVY, DANIEL - 1968  
**OSTEOGLOSSUM, THE AROWANA**  
TROPICAL FISH HOBBYIST  
16(7)84-90, 3 FIGS
- 800105 HAW, FRANK; BUCKLEY, RAYMOND M - 1968  
**THE ABILITY OF WASHINGTON ANGLERS TO IDENTIFY SOME COMMON MARINE FISHES**  
CALIF FISH GAME  
54(1)43-48, 1 FIG, 2 TABLES
- 800106 STRACHAN, ALEC R; TURNER, CHARLES H; MITCHELL, CHARLES T - 1968  
**TWO FISHES AND A MOLLUSK, NEW TO CALIFORNIA'S MARINE FAUNA WITH COMMENTS REGARDING OTHER RECENT ANOMALOUS OCCURRENCES**  
CALIF FISH GAME  
54(1)49-57, 4 FIGS, 2 TABLES
- 800107 ZUKAL, RUDOLF - 1968  
**A PHOTOGRAPHIC RECORD OF THE SPAWNING OF THE ROSY BARB, PUNTUS CONCHONIUS**  
TROPICAL FISH HOBBYIST  
16(6)4-8, 9 FIGS
- 800108 KERR, FREDERICK J - 1968  
**KEEPING AND SPAWNING THE RED-TAILED BLACK SHARK**  
TROPICAL FISH HOBBYIST  
16(6)92-93 + 95 + 98, 3 FIGS
- 800109 GERY, JACQUES - 1968  
**LADIGESIA ROLOFFI, A NEW GENUS AND SPECIES OF AFRICAN CHARACOID FISHES**  
TROPICAL FISH HOBBYIST  
16(8)78-87, 7 FIGS, 1 TABLE
- 800110 MAYLAND, HANS J - 1968  
**EXPERIENCES IN KEEPING DISCUS**



- AQUARIUM  
1(6)8-14 + 54-57, 13 FIGS
- 800111 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 5  
AQUARIUM  
1(6)36-37 + 60-68 + 70 + 72-74, 9 FIGS
- 800112 GILBERT, CLAIRE K; GILBERT, PERRY W - 1968  
RARE AND COMMON SHARKS OFF THE NEW YORK COAST  
CONSERVATIONIST  
22(4)21-26 + 36-37, 1 FIG, 1 TABLE
- 800113 HALSTEAD, BRUCE W - 1968  
POWERFUL POISONS IN MARINE ORGANISMS A FACTOR  
IN USING FOODS FROM SEA  
MARITIMES  
12(1)5-6 + 10
- 800114 WALKER, BRAZ - 1968  
THE MOUTH THAT ROARED  
AQUARIUM  
1(5)4-5 + 40-43, 8 FIGS
- 800115 WOOD, JOHN A - 1968  
A NEW MOLLY  
AQUARIUM  
1(5)6-7 + 44-46, 4 FIGS
- 800116 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 4  
AQUARIUM  
1(5)36-37 + 54-57 + 60-67, 5 FIGS
- 800117 LACORTE, ROSARIO S - 1968  
SPAWNING PSEUDOTROPHEUS AURATUS  
AQUARIUM  
1(4)8-9 + 39-43, 8 FIGS
- 800118 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 3  
AQUARIUM  
1(4)36-38 + 60 + 62-64 + 66, 3 FIGS
- 800119 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 2  
AQUARIUM  
1(3)44-48 + 50-52 + 54-57, 10 FIGS
- 800120 UNDERHILL, JAMES C; MOYLE, JOHN B - 1968  
THE FISHES OF MINNESOTA'S LAKE SUPERIOR REGION  
CONSERV VOLUNTEER  
31(177)29-53, 32 FIGS
- 800121 WEDEMEYER, GARY - 1968  
ROLE OF INTESTINAL MICROFLORA IN THE  
DEGRADATION OF DDT BY RAINBOW TROUT (SALMO  
GAIRDNERI)  
LIFE SCI  
7(3)PART 1 + 219-223, 2 TABLES
- 800122 DISLER, N N - 1968  
THE RECAPITULATION OF STRUCTURE AND BEHAVIOR OF  
ANCESTRAL FORMS IN THE ONTOGENESIS OF  
TRIGON-RAY  
ZH OBSHCH BIOL  
29(1)98-103
- 800123 KANGUR, A - 1968  
ON THE SEASONAL CHARACTER AND SPECIFIC  
PECULIARITIES OF THE ATP-ASE ACTIVITY OF THE  
MUSCULAR TISSUE OF FISHES  
EESTI NSV TEAD AKAD TOIM BIOL SEER  
17(1)44-54, 3 FIGS, 3 TABLES
- 800124 NEWMAN, BARBARA - 1968
- A RECIPE FOR BETTA SPAWNING  
AQUARIUM  
1(7)6-7 + 44-48, 9 FIGS
- 800125 FRANCO, PHILIP S - 1968  
A MOUTH BREEDING PELMATOCHROMIS  
AQUARIUM  
1(7)8-11 + 38-42, 14 FIGS
- 800126 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 6  
AQUARIUM  
1(7)36-37 + 52-57 + 60-65, 17 FIGS
- 800127 ZENKEVICH, L A; ZEVINA, G B - 1968  
REMODELLING OF THE CASPIAN SEA FAUNA  
PRIRODA (MOSKVA)  
(1)12-22, 35 FIGS, 6 TABLES
- 800128 GREENFIELD, DAVID W - 1968  
THE ZOOGEOGRAPHY OF MYRIPRISTIS PISCES  
HOLOCENTRIDAE  
SYST ZOOL  
17(1)76-87, 13 FIGS
- 800129 VADZIS, D I; DZENE, I; SLOKA, J - 1968  
FISH FEEDING IN LAKES WITH SWAMPY WATER SUPPLY  
EG LAKE PITEL  
IZV AKAD NAUK LATV SSR 1968  
(1)68-77, 1 FIG, 7 TABLES
- 800130 CROWE, WALTER R - 1968  
PROFILE OF AN INDUSTRY  
MICH CONSERV  
37(2)18-22, 8 FIGS
- 800131 REICHENBACH-KLINKE, H - 1968  
FISCHFAUNA UND FISCHEREI IN DER DEUTSCHEN DONAU  
ARCH HYDROBIOL  
3(1/2)12-23, 4 FIGS, 2 TABLES
- 800132 ANWAND, K - 1968  
ZU EINIGEN FRAGEN DER ZANDERWIRTSCHAFT  
DEUT FISCH ZTG  
15(1)3-22, 18 FIGS, 1 TABLE
- 800133 MERLA, GUNTER - 1968  
DIE NAHRTIERMENGEN BEI ZUFUTTERUNG DER KARPFFEN  
MIT HOCHWERTIGER PELLETIERTER FUTTERMISCHUNG IM  
VERSUCH 1966  
DEUT FISCH ZTG  
15(1)23-25, 2 FIGS
- 800134 GREIM, K H - 1968  
STICKSTOFFDUNGUNG EINE MOGLICHKEIT ZUR  
STEIGERUNG DER ERTRAGE IM L AUZUCHTJAHR DER  
KARPFFEN  
DEUT FISCH ZTG  
25-30, 4 FIGS, 3 TABLES
- 800135 DARNELL, REZNEAT M - 1968  
ANIMAL NUTRITION IN RELATION TO SECONDARY  
PRODUCTION  
AMER ZOOL  
8(1)83-93, 2 FIGS
- 800136 KRUEGER, HUGO M; SADDLER, JAMES B;  
CHAPMAN, GARY A; TINSLEY, IAN J; LOWRY, ROBERT  
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AMER ZOOL  
8(1)119-129, 6 TABLES
- 800137 MINCKLEY, W L; DEACON, JAMES E - 1968  
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'ENDANGERED SPECIES'  
SCIENCE  
159(3822)1424-1432, 3 FIGS, 2 TABLES

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- 800138 OHARA, JAMES - 1968  
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49(1)159-161, 1 FIG, 1 TABLE
- 800139 PFEIFFER, WOLFGANG - 1968  
GASSTOFFWECHSEL DER FISCHE, AMPHIBIEN UND  
REPTILIEN  
FORTSCHR ZOOLOG  
19(1)105-140, 4 TABLES
- 800140 ODUM, WILLIAM E - 1968  
THE ECOLOGICAL SIGNIFICANCE OF FINE PARTICLE  
SELECTION BY THE STRIPED MULLET MUGIL CEPHALUS  
LIMNOL OCEANOGR  
13(1)92-98, 3 FIGS
- 800141 MILLER, ROBERT VICTOR - 1968  
A SYSTEMATIC STUDY OF THE GREENSIDE DARTER  
ETHEOSTOMA BLENNIOIDES RAFINESQUE PISCES  
PERCIDAE  
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(1)1-40, 5 FIGS, 9 TABLES
- 800142 EMERY, ALAN R - 1968  
A NEW SPECIES OF CHROMIS PISCES POMACENTRIDAE  
FROM THE WESTERN NORTH ATLANTIC  
COPEIA  
(1)49-55, 4 FIGS, 2 TABLES
- 800143 FUJINO, KAZUO; KANG, TAGAY - 1968  
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TUNAS  
COPEIA  
(1)56-63, 2 FIGS, 10 TABLES
- 800144 SWIFT, CAMM - 1968  
PLEISTOCENE FRESHWATER FISHES FROM INGLESIDE  
PIT SAN PATRICIO COUNTY TEXAS  
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(1)63-69, 4 FIGS
- 800145 CHEN, TCHAW-REN; EBELING, A W - 1968  
KARYOLOGICAL EVIDENCE OF FEMALE HETEROGAMETY IN  
THE MOSQUITOFISH, GAMBUSIA AFFINIS  
COPEIA  
(1)70-75, 2 FIGS, 1 TABLE
- 800146 MOE, MARTIN A JR - 1968  
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SYMPHURUS DIOMEDIANUS, FROM THE GULF OF MEXICO  
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(1)172
- 800147 REED, ROGER J - 1968  
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DARTERS PISCES PERCIDAE IN THREE STREAMS OF  
NORTHWESTERN PENNSYLVANIA  
COPEIA  
(1)172-175, 3 TABLES
- 800148 ROSENBLATT, RICHARD H; HOESE, DOUGLASS F - 1968  
SEXUAL DIMORPHISM IN THE DENTITION OF  
PSEUDUPENEUS AND ITS BEARING ON THE GENERIC  
CLASSIFICATION OF THE MULLIDAE  
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(1)175-176, 1 FIG
- 800149 MCDOWALL, R M - 1968  
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CATADROMOUS TO THE SOUTHERN HEMISPHERE  
SALMONOID FISHES  
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(1)176-178
- 800150 TSAI, CHU-FA - 1968  
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ETHEOSTOMA HISTRIO  
COPEIA  
(1)178-181, 1 FIG
- 800151 GOTSHALL, DANIEL W; FITCH, JOHN E - 1968  
THE LOUVAR LUVARUS IMPERIALIS IN THE EASTERN  
PACIFIC WITH NOTES ON ITS LIFE HISTORY  
COPEIA  
(1)181-183, 1 TABLE
- 800152 WRIGHT, THOMAS D - 1968  
CHANGES IN ABUNDANCE OF YELLOW BASS MORONE  
MISSISSIPPIENSIS AND WHITE BASS M. CHRYSOPS IN  
MADISON WISCONSIN LAKES  
COPEIA  
(1)183-185, 1 TABLE
- 800153 LAHIRI, S B - 1968  
HISTOLOGICAL REEXAMINATION OF THE BARBELS OF A  
CATFISH WALLAGO ATTU  
COPEIA  
(1)185-187, 3 FIGS
- 800154 CHANG, RANDOLPH K C; MAGNUSON, JOHN J - 1968  
A RADIOGRAPHIC METHOD FOR DETERMINING GAS  
BLADDER VOLUME OF FISH  
COPEIA  
(1)187-189, 2 FIGS
- 800155 COLLETTE, BRUCE B - 1968  
STRONGYLURA TIMUCU WALBAUM A VALID SPECIES OF  
WESTERN ATLANTIC NEEDLEFISH  
COPEIA  
(1)189-192, 1 FIG
- 800156 TODD, ERIC S - 1968  
TERRESTRIAL SOJOURNS OF THE LONGJAW MUDSUCKER  
GILICHTHYS MIRABILIS  
COPEIA  
(1)192-194, 1 TABLE
- 800157 DALQUEST, WALTER W - 1968  
LUNGFISHES FROM THE PERMIAN OF TEXAS  
COPEIA  
(1)194-197, 1 FIG
- 800158 BARNETT, MICHAEL A; GIBBS, ROBERT H JR - 1968  
VALIDITY OF THE STOMIATOID FISH SPECIES  
BATHOPHILUS FLEMINGI AND B. INDICUS  
COPEIA  
(1)197-198
- 800159 CHAN, W L - 1968  
OPISTHOGNATHUS HONGKONGIENSIS A REPLACEMENT NAME  
FOR THE JAWFISH OPISTHOGNATHUS FASCIATUS CHAN  
COPEIA  
(1)198
- 800160 KUHN-SCHNYDER, E - 1968  
PRÄPARATION VON FOSSILIEN MIT DEM  
SANDSTRAHLAPPARAT  
UMSCH WISS TEC  
68(4)122, 2 FIGS
- 800161 NAKAMURA, EUGENE L - 1968  
VISUAL ACUITY OF TWO TUNAS KATSUWONUS PELAMIS  
AND EUTHYNNUS AFFINIS  
COPEIA  
(1)41-49, 4 FIGS, 2 TABLES
- 800162 DIJKGRAAF, S - 1968  
ELECTRORECEPTION IN THE CATFISH AMIURUS  
NEBULOSUS  
EXPERIENTIA  
24(2)187-188, 1 FIG
- 800163 RAHMANN, HINRICH - 1968  
SYNTHESEORT UND FERNTRANSPORT VON PROTEINEN IM  
FISCHHORN  
Z ZELLFORSCH  
86(2)214-237, 2 TABLES, 11 FIG
- 800164 SINGH, T P - 1968  
EFFECTS OF VARIED PHOTOPERIODS ON RHYTHMIC  
ACTIVITY OF THYROID GLAND IN A TELEOST MYSTUS

- VITTATUS BLOCH  
EXPERIENTIA  
24(1)93-94, 1 FIG
- 800165 DIAMOND, J; HUXLEY, A F - 1968  
THE ACTIVATION AND DISTRIBUTION OF GABA AND  
LGLUTAMATE RECEPTORS ON GOLDFISH MAUTHNER  
NEURONES, AN ANALYSIS OF DENDRITIC REMOTE  
INHIBITION  
J PHYSIOL (LONDON)  
194(3)669-723, 22 FIGS, 2 PLATES
- 800166 SPITZ, LESLIE M; BURNETT, JEAN B - 1968  
THE TYROSINASES OF FUNDULUS HETEROCLOTUS AT  
DIFFERENT STAGES OF EMBRYONIC DEVELOPMENT  
J EMBRYOL EXP MORPHOL  
19(1)1-8, 2 TABLES, 1 PLATE
- 800167 DOWDEN, BOBBY F - 1968  
EFFECTS OF FIVE INSECTIDES ON THE OXYGEN  
CONSUMPTION OF BLUEGILL SUNFISH LEPOMIS  
MACROCHIRUS  
ASB (ASS SOUTHEAST BIOL) BULL  
15(2)36
- 800168 PAXTON, JOHN H - 1968  
THE UPTAKE AND METABOLISM OF TRIFLURALIN BY  
GOLDFISH CARASSIUS AURATUS LINN  
ASB (ASS SOUTHEAST BIOL) BULL  
15(2)49
- 800169 PIRONT, A; HAMOIR, G; CROKAERT, R - 1968  
PROTEINIC COMPOSITION OF THE LOW IONIC STRENGTH  
EXTRACTS TILAPIA MACROCHIR BOULENGER WHITE  
MUSCLES  
ARCH INT PHYSIOL BIOCHEM  
76(1)1-25, 13 FIGS, 3 TABLES
- 800170 RAO, V VISWESWARA - 1968  
A NEW GOBID FISH FROM VISAKHAPATNAM  
J NATUR HIST  
2(1)17-20, 3 FIGS
- 800171 SMITH, J L B - 1968  
A NEW LIPARINE FISH FROM THE RED SEA  
J NATUR HIST  
2(1)105-109, 3 FIGS, 2 TABLES
- 800172 ABOUSSOUAN, A - 1968  
OEUF ET LARVES DE TELEOSTEENS DE LOUEST  
AFRICAIN VI, LARVES DE CHLOROSCOMBRUS CHRYSURUS  
LINNE ET DE BLEPHARIS CRINITUS MITCHILL  
CARANGIDAE  
BULL INST FOND AFR NOIRE  
30(1)226-237, 13 FIGS
- 800173 BLANC, M; CADENAT, J; STAUCH, A - 1968  
CONTRIBUTION A L'ETUDE DE L'ICHTHYOFAUNE DE L'ILE  
ANNOBON  
BULL INST FOND AFR NOIRE  
30(1)238-256, 6 FIGS
- 800174 PETR, T - 1968  
THE ESTABLISHMENT OF LACUSTRINE FISH POPULATION  
IN THE VOLTA LAKE IN GHANA DURING 1964-1966  
BULL INST FOND AFR NOIRE  
30(1)257-269, 6 FIGS
- 800175 SWAN, HENRY; JENKINS, DALTON; KNOX, KERWIN  
1968  
ANTIMETABOLIC EXTRACT FROM THE BRAIN OF  
PROTOPTERUS AETHIOPICUS  
NATURE (LONDON)  
217(5129)671, 1 FIG
- 800176 BLAXTER, J H S - 1968  
REARING HERRING LARVAE TO METAMORPHOSIS AND  
BEYOND  
J MAR BIOL ASS UK  
48(1)17-28, 6 FIGS, 2 TABLES
- 800177 WOODHEAD, P M J - 1968  
SEASONAL CHANGES IN THE CALCIUM CONTENT  
OF THE BLOOD OF ARCTIC COD  
J MAR BIOL ASS UK  
48(1)81-91, 1 FIG, 4 TABLES, 2 PLATES
- 800178 WOODHEAD, P M J; PLACK, P A - 1968  
ON LEVELS OF CALCIUM AND OF VITAMIN A ALDEHYDE  
IN THE BLOOD OF ARCTIC COD  
J MAR BIOL ASS UK  
48(1)93-96, 1 FIG
- 800179 MCINTYRE, A D; ELEFTHERIOU, A - 1968  
THE BOTTOM FAUNA OF A FLATFISH NURSERY GROUND  
J MAR BIOL ASS UK  
48(1)113-142, 9 FIGS, 16 TABLES
- 800180 KLOSE, J; WOLF, ULRICH; HITZEROTH, H; RITTER,  
H; ATKIN, NIELS B; OHNO, SUSUMU - 1968  
DUPLICATION OF THE LDH GENE LOCI BY  
POLYPOIDIZATION IN THE FISH ORDER CLUPEIFORMES  
HUMANGENETIK  
5(3)190-196, 1 FIG, 1 TABLE
- 800181 KERR, T - 1968  
THE PITUITARY IN POLYPTERINES AND ITS  
RELATIONSHIP TO OTHER FISH PITUITARIES  
J MORPHOL  
124(1)23-35, 1 TABLE, 4 PLATES
- 800182 OLSEN, STEEN; ERICSSON, JAN L E - 1968  
ULTRASTRUCTURE OF THE TUBULE OF THE AGLOMERULAR  
TELEOST NEROPHIS OPHIDIUM  
Z ZELLFORSCH  
87(1)17-30, 12 FIGS
- 800183 LEGGETT, RAY - 1968  
CROSSBREEDING THE BARBS  
AQUARIST AND PONDKPR  
(APRIL)360, 1 FIG
- 800184 MERCKENS, P J - 1968  
BETTA SPLENDENS REGAN 1909  
AQUARIUM (DEN HAAG)  
38(9)194-199, 7 FIGS
- 800185 VANBERG, W - 1968  
PLEZIER MET CICHLIDEN DEEL 2 CICHLASOMA MEEKI  
AQUARIUM (DEN HAAG)  
38(9)207-211, 4 FIGS
- 800186 DRURY, D E; EALES, J G - 1968  
THE INFLUENCE OF TEMPERATURE ON HISTOLOGICAL  
AND RADIOCHEMICAL MEASUREMENTS OF THYROID  
ACTIVITY IN THE EASTERN BROOK TROUT SALVELINUS  
FONTINALIS MITCHELL  
CAN J ZOOL  
46(1)1-9, 5 FIGS, 2 TABLES
- 800187 AUBERT, X; KEYNES, RICHARD D - 1968  
THE TEMPERATURE CHANGES DURING AND AFTER THE  
DISCHARGE OF THE ELECTRIC ORGAN IN  
ELECTROPHORUS ELECTRICUS  
PROC ROY SOC SER B BIOL SCI  
169(1016)241-263, 12 FIGS, 1 TABLE
- 800188 KEYNES, RICHARD D - 1968  
THE TEMPERATURE CHANGES DURING AND AFTER THE  
DISCHARGE OF THE ELECTRIC ORGAN IN MALAPTERURUS  
ELECTRICUS  
PROC ROY SOC SER B BIOL SCI  
169(1016)265-274, 8 FIGS, 1 TABLE
- 800189 FAHN, STANLEY; KOVAL, GEORGE J; ALBERS, R WAYNE  
1968  
SODIUM POTASSIUM ACTIVATED ADENOSINE  
TRIPHOSPHATASE OF ELECTROPHORUS ELECTRIC ORGAN  
J BIOL CHEM  
243(8)1993-2002, 7 FIGS, 16 TABLES
- 800190 ANONYMOUS - 1968



- EINE SENSATIONELLE ENTDECKUNG DIE DOKTORSCHMERLE**  
AQUARIEN MAG  
(4)136, 1 FIG
- 800191 PAFFRATH, KURT - 1968  
**SIE PUTZT UND PUTZT UND PUTZT...DIE GRUNFLOSSIGE RUSSELBARBE EPALZEORHYNCHUS SIAMENSIS**  
AQUARIEN MAG  
(4)153-155, 7 FIGS
- 800192 FIEDLER, KURT - 1968  
**HIER BEKOMMT DER MANN DIE KINDER DIE FORTPFLANZUNGSBIOLOGIE DER SEEPFERDCHEN**  
AQUARIEN MAG  
(4)156-160, 2 FIGS
- 800193 ZUKAL, RUDA - 1968  
**DER MARMORGURAMI EIN PFLEGLING FÜR ANFÄNGER UND FORTGESCHRITTENE TRICHOASTER TRICHOPTERUS SUMATRANUS 'COSBY'**  
AQUARIEN MAG  
(4)172-173, 5 FIGS
- 800194 GORDON, WILLIAM G - 1968  
**THE BAIT MINNOW INDUSTRY OF THE GREAT LAKES**  
US FISH WILDLIFE SERV FISH LEAFLET NO 608  
FEB. CONTENTS + 6 PP, 10 FIGS
- 800195 KREFFT, G - 1968  
**NEUE UND ERSTMALIG NACHGEWIESENE KNORPELFISCHE AUS DEM ARCHIBENTHAL DES SÜDWESTATLANTIKS EINSCHLIESSLICH EINER DISKUSSION EINIGER ETMOPTERUSARTEN SÜDLICHER MEERE**  
ARCH FISCHEREIWISS  
19(1)1-42, 18 FIGS, 8 TABLES, 1 STATIONS LIST
- 800196 BANARESCU, PETRU - 1968  
**ÜBER DAS VORKOMMEN VON HYBRIDEN ZWISCHEN ALBURNUS ALBURNUS UND ABRAMIS BRAMA PISCES CYPRINIDAE IM DONAUBECKEN**  
ARCH FISCHEREIWISS  
19(1)43-45, 1 FIG
- 800197 HASS, H - 1968  
**UNTERSUCHUNGEN ÜBER DIE VERTIKALE UND HORIZONTALE VERTEILUNG DER EIER DER FINTE ALOSA FALLAX LACEPEDE 1803 IN DER ELBE**  
ARCH FISCHEREIWISS  
19(1)46-55, 6 FIGS, 3 TABLES
- 800198 REINSCH, H H - 1968  
**FUND VON FLUSSALEN ANGUILLA ANGUILLA L IM NORDATLANTIK**  
ARCH FISCHEREIWISS  
19(1)62-63
- 800199 PARTMANN, W - 1968  
**ZUR FEINSTRUKTUR DER FISCHMUSKULATUR**  
ARCH FISCHEREIWISS  
19(1)64-77, 12 FIGS
- 800200 HALSBAND, EGON; HALSBAND, I - 1968  
**EINE APPARATUR ZUR MESSUNG DER STOFFWECHSELINTENSITÄT VON FISCHEN UND FISCHNAHRTIEREN**  
ARCH FISCHEREIWISS  
19(1)78-82, 3 FIGS
- 800201 VAN DER VLUGT, P J - 1968  
**CARINOTETRAODON SOMPHONGSI**  
AQUARIUM (DEN HAAG)  
38(10)218-224, 7 FIGS
- 800202 BALON, EUGENIUSZ K - 1968  
**NOTES TO THE ORIGIN AND EVOLUTION OF TROUTS AND SALMONS WITH SPECIAL REFERENCE TO THE DANUBIAN TROUTS**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(1)1-21, 4 FIGS, 2 TABLES
- 800203 OLIVA, OTA; VLASTISLAV, SKOREPA - 1968  
**THE MYODOME IN CARP CYPRINUS CARPIO LINNAEUS AND RAPPEEN ASPIUS ASPIUS LINNAEUS**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(1)39-45, 4 FIGS
- 800204 CABEJSEK, MILAN; FRANK, STANISLAV - 1968  
**A CONTRIBUTION TO THE GROWTH OF ROACH RUTILUS RUTILUS LINNAEUS IN SOME WATERS OF CZECHOSLOVAKIA**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(1)22-33, 9 TABLES
- 800205 OPRAVILOVA, VERA - 1968  
**ZUR KENNNTNIS DES ENTWICKLUNGSZYKLUS VON HOLOSTEPHANUS COBITIDIS SP N TREMATODA CYATHOCOTYLIDAE**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(1)46-65, 6 FIGS, 6 TABLES
- 800206 SUTTON, A H - 1968  
**THE RELATIONSHIP BETWEEN ION AND WATER CONTENTS OF COD GADUS MORHUA L MUSCLE**  
COMP BIOCHEM PHYSIOL  
24(1)149-161, 10 FIGS, 1 TABLE
- 800207 LAUTER, CARL J; BROWN, ELISE ANN BRANDENBURGER; TRAMS, EBERHARD G - 1968  
**COMPOSITION OF PLASMA LIPOPROTEINS OF THE SPINY DOGFISH SQUALUS ACANTHIAS**  
COMP BIOCHEM PHYSIOL  
24(1)243-247, 2 TABLES
- 800208 SOMLYO, AVRIL V; SOMLYO, ANDREW P - 1968  
**VASOTOCINMAGNESIUM INTERACTION IN VASCULAR SMOOTH MUSCLE OF THE HAGFISH EPTATRETUS STOUTII**  
COMP BIOCHEM PHYSIOL  
24(1)267-270, 2 FIGS
- 800209 BANDURSKI, ROBERT S; BRADSTREET, EDDA; SCHOLANDER, P F - 1968  
**METABOLIC CHANGES IN THE MUDSKIPPER DURING ASPHYXIA OR EXERCISE**  
COMP BIOCHEM PHYSIOL  
24(1)271-274, 2 TABLES
- 800210 PECHERE, J F - 1968  
**MUSCULAR PARVALBUMINS AS HOMOLOGOUS PROTEINS**  
COMP BIOCHEM PHYSIOL  
24(1)289-295, 1 FIG, 2 TABLES
- 800211 CASOLA, LUIGI; AGRANOFF, BERNARD W - 1968  
**RELEASE OF RNA FROM GOLDFISH BRAIN NUCLEI BY SODIUM DODECYL SULFATE**  
BIOCHEM BIOPHYS RES COMMUN  
30(3)262-266, 3 FIGS
- 800212 BELLOMY, MILDRED D - 1968  
**THE SEA HORSE**  
PAC DISCOVERY  
21(3)18-22, 7 FIGS
- 800213 CHAVIN, WALTER; CUKROWSKI, CHRISTINE A - 1968  
**EFFECTS OF IODINE 131 ON THYROID AND PITUITARY OF THE GOLDFISH CARASSIUS AURATUS L**  
RADIAT RES  
34(1)170-199, 19 FIGS, 9 TABLES
- 800214 CASTEX, MARIANO N - 1968  
**ELIPESURUS SCHOMBURGK 1843 PISCES PROPOSED SUPPRESSION UNDER THE PLENARY POWERS ZN S 1825**  
BULL ZOOLOG NOMENCL  
24(6)353-355
- 800215 WILLOUGHBY, L G - 1968  
**ATLANTIC SALMON DISEASE FUNGUS NATURE**  
217(5131)872-873, 5 FIGS
- 800216 DICK, M, W. - 1968  
**SAPROLEGNIA PARASITICA COKER IN ESTUARIES**

- NATURE  
217(5131)875
- 800217 NEGISHI, K - 1968  
EXCITATION SPREAD ALONG HORIZONTAL AND AMACRINE  
CELL LAYERS IN THE TELEOST RETINA  
NATURE  
218(5136)39-40 + 69, 1 FIG
- 800218 RICE, DALE W - 1968  
STOMACH CONTENTS AND FEEDING BEHAVIOR OF KILLER  
WHALES IN THE EASTERN NORTH PACIFIC  
NORSK HVALFANGST-TID  
57(2)35-38, 1 TABLE
- 800219 LÜLING, K H - 1968  
ZUSAMMENTREFFEN MIT DIANEMA LONGIBARBIS IN  
OSTPERU  
AQUA TERRA  
5(4)25-28, 4 FIGS
- 800220 HESSE, ULRICH - 1968  
DER FLUGELFLOSSER AUSTROFUNDULUS DOLICHOPTERUS  
WEITZMANN & WOURMS  
AQUARIEN TERRARIEN Z  
21(4)98-100, 1 FIG
- 800221 PAULO, JOCHEN - 1968  
STEATOCRANUS, DER BUCKELKOPF  
AQUARIEN TERRARIEN Z  
21(4)100-103, 2 FIGS
- 800222 RICHTER, HANS JOACHIM - 1968  
DER KUSSENDE GURAMI, HELOSTOMA TEMMINCKII  
(CUVIER AND VALENCIENNES 1831)  
AQUARIEN TERRARIEN Z  
21(4)103-107, 1 FIG
- 800223 MEINKEN, HERMANN - 1968  
NOCHMAL'S 'APISTOGRAMMA RAMIREZI IST DOCH  
VENEZOLANER'  
AQUARIEN TERRARIEN Z  
21(4)107-109, 1 FIG
- 800224 DE GRAAF, FRANK - 1968  
PUTZSYMBIOSE  
AQUARIEN TERRARIEN Z  
21(4)111-115, 6 FIGS
- 800225 GRAHAME, ARTHUR - 1968  
DOOM FOR THE SALMON?  
OUTDOOR LIFE  
141(4)45-47 + 96-98, 9 FIGS
- 800226 WEISS, WERNER - 1968  
EIN VETERAN IN UNSEREN BECKEN, DER MAKROPODE  
AQUARIEN MAG  
(3)108-111, 4 FIGS
- 800227 ZANKERT, ADOLF - 1968  
DER RATSELHAFTE UNTERMETER, NADELFISCHE WOHNEN  
IN SEEWÄLZEN UND PERLMUSCHELN  
AQUARIEN MAG  
(3)115-117, 5 FIGS
- 800228 ZUKAL, RUDA - 1968  
DER GOLDENE DANIO AUS DER GOLDENEN STADT, DER  
BRACHYDANIO FRANKI  
AQUARIEN MAG  
(3)120-123, 9 FIGS
- 800229 ASWERUS, BERND M - 1968  
DIE GESCHICHTE VON ADAM UND EVA EINMAL ANDERS  
AQUARIEN MAG  
(3)124-125, 7 FIGS
- 800230 VANDEPITTE, ERIC - 1968  
EIN TORPEDO AUS MADAGASKAR. DIE PFLEGE UND  
ZUCHT DES ROTGESCHWANTZEN AHRENFISCHE (BEDOTIA
- GEAYI)  
AQUARIEN MAG  
(3)128-129, 2 FIGS
- 800231 MARICIC, SINISA; RUMEN, NEVENKA M. - 1968  
PROTEIN MAGNETIC RELAXATION IN SOLUTION OF  
LAMPREY (PETROMYZON MARINUS) HEMOGLOBINS  
BIOCHIM BIOPHYS ACTA  
154(3)496-500, 2 FIGS, 1 TABLE
- 800232 HECKER, GOTTFRIED - 1968  
WIEDER EIN GANZ NEUER, PELMATOCHROMIS THOMASI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(2)44-45
- 800233 KRIETSCH, PETER - 1968  
EINE ICHTHYOLOGISCHE KOSTBARKEIT PROTOPTERUS  
AMPHIBIUS (PETERS 1844)  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(2)56-60, 4 FIGS
- 800234 MEINKEN, HERMANN - 1968  
ZAG CICHLIDEN, PELMATOCHROMIS TAENIATUS  
BOULENGER 1901, EIN UNTERSUCHUNGSBEFUND  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(2)62-63, 2 FIGS, 2 TABLES
- 800235 RUDEBERG, CLAES - 1968  
RECEPTOR CELLS IN THE PINEAL ORGAN OF THE  
DOGFISH SCYLIORHINUS CANICULA LINNE  
Z ZELLFORSCH  
85(4)521-526
- 800236 MOUNIB, M S; EISAN, J S - 1968  
URICOLYTIC ENZYMES IN COD SPERM  
CAN J PHYSIOL PHARMACOL  
46(2)283-284, 1 TABLE
- 800237 ZUKAL, RUDA - 1968  
SO LAICHT CICHLASOMA MEEKI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(3)92-93, 6 FIGS
- 800238 LERCH, KURT - 1968  
GERUCHSORGAN DER FISCHE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(3)94-97, 14 FIGS
- 800239 WIEFEL, GERHARD; HEIDRICH, SIEGFRIED;  
BECH, REINHOLD - 1968  
EIN NEUER APHYOSEMION AUS GUINEA  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(3)90-93, 3 FIGS, 1 TABLE
- 800240 COBB, BRYANT F. III; CARTER, LUCY;  
KOENIG, VIRGIL L. - 1968  
THE DISTRIBUTION OF THE SOLUBLE PROTEIN  
COMPONENTS IN THE CRYSTALLINE LENSES OF FISHES  
COMP BIOCHEM PHYSIOL  
24(3)817-826, 6 FIGS, 3 TABLES
- 800241 JANSSENS, PETER A; COHEN, PHILIP P - 1968  
NITROGEN METABOLISM IN THE AFRICAN LUNGFISH  
COMP BIOCHEM PHYSIOL  
24(3)879-886, 3 FIGS, 2 TABLES
- 800242 JANSSENS, PETER A; COHEN, PHILIP P - 1968  
BIOSYNTHESIS OF UREA IN THE ESTIVATING AFRICAN  
LUNGFISH AND IN XENOPUS LAEVIS UNDER CONDITIONS  
OF WATER-SHORTAGE  
COMP BIOCHEM PHYSIOL  
24(3)887-898, 4 FIGS, 5 TABLES
- 800243 TERNER, CHARLES - 1968  
STUDIES OF METABOLISM IN EMBRYONIC

- 800244** DEVELOPMENT-I, THE OXIDATIVE METABOLISM OF UNFERTILIZED AND EMBRYONATED EGGS OF THE RAINBOW TROUT  
COMP BIOCHEM PHYSIOL  
24(3)933-940, 4 TABLES
- 800245** TERNER, CHARLES; KUMAR, LAVINIA A; CHOE, TAE SIK - 1968  
STUDIES OF METABOLISM IN EMBRYONIC DEVELOPMENT-II, BIOSYNTHESIS OF LIPIDS IN EMBRYONATED TROUT OVA  
COMP BIOCHEM PHYSIOL  
24(3)941-950, 4 TABLES
- 800246** BOWMAKER, A P - 1968  
SOME UPPER CONGO FISH WHICH OFFER A MEANS OF BIOLOGICAL CONTROL OF THE SNAIL VECTORS OF BILHARZIASIS  
PROC TRANS RHODESIA SCI ASS  
52(2)28-37, 5 FIGS, 1 TABLE
- 800247** COOPER, ALLAN - 1968  
THE BURBOT  
ANIMALS  
10(10)444-447, 2 FIGS
- 800248** YAMAMOTO, M - 1968  
FISH MUSCLE GLYCOGEN PHOSPHORYLASE  
CAN J BIOCHEM  
423-432, 10 FIGS, 2 TABLES
- 800249** MORIARTY, C - 1968  
MOVEMENTS OF SALMON AROUND IRELAND, X. FROM THE NORTH MAYO COAST (1962-1964)  
PROC ROY IRISH ACAD SECT B BIOL GEOL CHEM SCI  
66:1-7, 1 FIG, 2 TABLES
- 800250** MC ALLISTER, D E - 1968  
MANDIBULAR PORE PATTERN IN THE SCULPIN FAMILY COTTIDAE  
NAT MUS CAN BULL  
(223)58-69, 1 FIG, 2 TABLES
- 800251** LUKJANENKO, V I; POPOV, A V; SEDOV, S I; MISHIN, E A - 1968  
ON THE SPECIES SPECIFICITY OF SERUM PROTEINOGRAMS IN ACIPENSERIDAE  
ZOOLOG ZH  
47(3)401-406, 4 FIGS
- 800252** TEREKHOV, P A - 1968  
A CONTRIBUTION TO THE ECOLOGY OF THE COMMON FISH LEECH (PISCICOLA GEOMETRA) IN THE KUBAN ESTUARIES  
ZOOLOG ZH  
47(3)463-466
- 800253** PAJUSOVA, A N; NEFEDOV, G N - 1968  
ANALYSIS OF THERMOSTABILITY OF THE ISOLATED MUSCLE TISSUE OF THE BARENTS SEA REDFISH  
TZITOLOGIJA  
10(1)133-137, 2 FIGS, 1 TABLE
- 800254** FEDJAKHINA, R F - 1968  
CHANGES IN VITAL DYE SORPTION BY NERVE AND MUSCLE TISSUES OF TRACHURUS IN THE SPAWNING PERIOD  
TZITOLOGIJA  
10(1)137-141, 3 FIGS
- 800255** SMITH, ALBERT CARL - 1968  
HEMOLYSIN PRODUCING IMMUNOCYTES IN OPSANUS TAU AND OTHER TELEOSTS  
U S FISH WILDLIFE SERV CIRC  
(289)7
- 800256** BAPTIST, JOHN P; LEWIS, CURTIS W - 1968  
TRANSFER OF ZINC 65 AND CHROMIUM 51 THROUGH AN ESTUARINE FOOD CHAIN  
U S FISH WILDLIFE SERV CIRC  
(289)22-29, 5 FIGS, 4 TABLES
- 800257** ANGELOVIC, JOSEPH W; WHITE, JOHN C JR; DAVIS, EDNA M - 1968  
INTERACTIONS OF IONIZING RADIATION, SALINITY AND TEMPERATURE ON THE ESTUARINE FISH, FUNDULUS HETEROCILITUS  
U S FISH WILDLIFE SERV CIRC  
(289)35-41, 5 FIGS, 4 TABLES
- 800258** JARED, D W; WALLACE, R A - 1968  
COMPARATIVE CHROMATOGRAPHY OF THE YOLK PROTEINS OF TELEOSTS  
COMP BIOCHEM PHYSIOL  
24(2)437-443, 1 FIG, 1 TABLE
- 800259** CONTE, FRANK P; MORITA, TOSHIKO N - 1968  
IMMUNOCHEMICAL STUDY OF CELL DIFFERENTIATION IN GILL EPITHELIUM OF EURYHALINE ONCORHYNCHUS (WALBAUM)  
COMP BIOCHEM PHYSIOL  
24(2)445-454, 6 FIGS, 3 TABLES
- 800260** GREENBERG, SYLVIA S; KOPAC, M J - 1968  
ELECTROPHORETIC ANALYSIS OF SPECIES RELATIONSHIPS IN THE GENUS XIPHOPHORUS  
COMP BIOCHEM PHYSIOL  
471-477, 12 FIGS
- 800261** DOYLE, J - 1968  
THE LORENZAN SULPHATES, A COMPARATIVE STUDY  
COMP BIOCHEM PHYSIOL  
24(2)479-485, 3 FIGS, 1 TABLE
- 800262** EDELHAUSER, HENRY F - 1968  
SODIUM AND WATER PERMEABILITY OF SALT-WATER FISH CORNEAS  
COMP BIOCHEM PHYSIOL  
24(2)665-667, 1 TABLE
- 800263** READ, LAWRENCE J - 1968  
ORNITHINE-UREA CYCLE ENZYMES IN EARLY EMBRYOS OF THE DOGFISH SQUALUS SUCKLEYI AND THE SKATE RAJA BINOCULATA  
COMP BIOCHEM PHYSIOL  
24(2)669-674, 3 FIGS, 2 TABLES
- 800264** GAIDAI, ALEXANDER - 1968  
LAKE BAIKAL  
ANIMALS  
10(12)540-543, 6 FIGS
- 800265** GOSLINE, WILLIAM A - 1968  
CONSIDERATIONS REGARDING THE EVOLUTION OF HAWAIIAN ANIMALS  
PAC SCI  
22(2)267-273, 2 FIGS
- 800266** GREENWOOD, P H - 1968  
NOTES ON THE VISCERAL ANATOMY OF DENTICEPS CLUPEOIDES CLAUSEN, 1959, A WEST AFRICAN CLUPEOMORPH FISH  
REV ZOOLOG BOT AFR  
77(1/2)1-10, 5 FIGS
- 800267** MONFORT, A; RUWET, J CL - 1968  
PATRONS MOTEURS ET MOUVEMENTS D'EXPRESSION CHEZ LES TILAPIA RENDALLI(BOULENGER 1896) ET THOLLONI CONGICA POLL ET THYS 1960 (POISSONS CICHLIDES)  
REV ZOOLOG BOT AFR  
77(1/2)97-112
- 800268** SCHWARTZ, FRANK J - 1968  
THE SUNNIES  
MD CONSERV  
45(2)4-8, 2 FIGS, 1 TABLE
- 800269** GAUBERT, HENRI - 1968  
LES POISSONS CHIRURGIENS  
BETES ET NATURE  
(50)46-47, 2 FIGS



- 800269 BAUER, JORG - 1968  
VERGLEICHENDE UNTERSUCHUNGEN ZUM  
KONTAKTVERHALTEN VERSCHIEDENER ARTEN DER  
GATTUNG TILAPIA (CICHLIDAE, PISCES) UND IHRER  
BASTARDE  
Z TIERPSYCHOL  
25(1)22-70, 24 FIGS
- 800270 GIDEIRI, ABU; BABIKER, YOUSIF - 1968  
OBSERVATIONS ON THE BEHAVIOUR OF THE DEVELOPING  
ZOARCES VIVIPARUS (ZOARCIDAE)  
HYDROBIOLOGIA  
31(1)60-64, 1 TABLE
- 800271 RICHTER, HANS JOACHIM - 1968  
HALTUNG UND ZUCHT DES KUSSENDEN GURAMI  
-HELOSTOMA TEMMINCKII  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(1)6-9, 3 FIGS
- 800273 MULLER, HERMANN - 1968  
ETHOLOGISCHE BEOBSACHTUNGEN AM  
PAARUNGSVERHALTEN  
VON HEMIGRAMMUS HYANUARY  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(1)29
- 800274 ALEXANDER, R MCNEILL - 1968  
WHAT ARE THE NATURAL FOODS OF AQUARIUM FISHES?  
PETFISH MONTHLY  
2(12)491-492, 1 FIG
- 800275 EBBESSON, SVEN O E; RAMSEY, JOHN S - 1968  
THE OPTIC TRACTS OF TWO SPECIES OF SHARKS  
(GALEOCERDO CUVIER AND GINGLYMOSTOMA CIRRATUM)  
BRAIN RES  
8(1)36-53, 22 FIGS
- 800276 AMIN, OMAR MOHAMED - 1968  
HELMINTH FAUNA OF SUCKERS (CATOSTOMIDAE) OF THE  
GILA RIVER SYSTEM, ARIZONA  
DISS ABSTR SER B  
28(8)3521-B
- 800277 BOOTH, RICHARD ATWATER - 1968  
A DESCRIPTION OF THE LARVAL STAGES OF THE  
TOMCOD, MICROGADUS TOMCOD, WITH COMMENTS ON ITS  
SPAWNING ECOLOGY  
DISS ABSTR SER B  
28(8)3522-B
- 800278 DENNIS, EMMET A - 1968  
BIOLOGICAL STUDIES ON THE LIFE HISTORY OF  
MESOSTEPHANUS YEDEAE SP N (TREMATODA,  
CYATHOCOTYLIDAE)  
DISS ABSTR SER B  
28(8)3523-B-3524-B
- 800279 TUCKER, CHARLES EUGENE - 1968  
A STUDY OF THE FISHES OF THE EASTERN MOBILE  
BASIN  
DISS ABSTR SER B  
28(8)3534-B
- 800280 UBELAKER, JOHN EARL - 1968  
STUDIES ON THE TREMATODE GENUS PHYLLODISTOMUM  
DISS ABTR SER B  
28(8)3534-B
- 800281 WEISBART, MELVIN - 1968  
OSMOTIC AND IONIC REGULATION IN EMBRYOS,  
ALEVINS AND FRY OF THE FIVE SPECIES OF PACIFIC  
SALMON  
DISS ABSTR SER B  
28(8)3535-B
- 800282 WHITE, DAVID ARNOLD - 1968  
TROPIC DYNAMICS OF A WILD BROOK TROUT STREAM  
DISS ABSTR SER B  
28(8)3535-B-3536-B
- 800283 DAWSON, C E - 1968  
A REVISION OF THE WORMFISHES (GOBIOIDEA,  
MICRODESMIDAE)  
AMER PHIL SOC YEARB 1967, 1968  
256-257
- 800284 UDALL, STEWART L - 1968  
COMEBACK FOR THE WILLAMETTE RIVER  
NAT PARKS MAG  
42(246)4-8, 4 FIGS
- 800285 DEAKIN, ALBERT - 1968  
DIE ZUCHT VON LABEO BICOLOR, DEM FEUERSCHWANZ  
AQUARIEN TERRARIEN Z  
21(3)72-73, 1 FIG
- 800286 SINGH, T P - 1968  
SEASONAL CHANGES IN RADIOIODINE UPTAKE AND  
EPITHELIAL CELL HEIGHT OF THE THYROID GLAND IN  
THE FRESHWATER TELEOSTS ESOMUS DANRICUS (HAM)  
AND MYSTUS VITTATUS (BLOCH) UNDER VARYING  
CONDITIONS OF ILLUMINATION  
Z ZELLFORSCH  
87(3)422-428, 2 FIGS, 2 TABLES
- 800287 SMITH, M W; COLOMBO, V E; MUNN, E A - 1968  
INFLUENCE OF TEMPERATURE ACCLIMATIZATION ON THE  
IONIC ACTIVATION OF GOLDFISH INTESTINAL  
ADENOSINE TRIPHOSPHATASE  
BIOCHEM J  
107(5)691-698, 6 FIGS
- 800288 RASTOGI, RAKESH K - 1968  
ANNUAL CHANGES IN THE TESTICULAR ACTIVITY OF  
THE TELEOST, AMPHIPNOUS CUCHIA (HAM)  
ANNOT ZOOL JAP  
41(1)11-23, 11 FIGS, 2 TABLES
- 800289 TAGUCHI, SHIGETOSHI - 1968  
PROTECTIVE ACTION OF 2, 4-DINITROPHENOL AGAINST  
GAMMA IRRADIATION IN TELEOST EMBRYOS  
ANNOT ZOOL JAP  
41(1)36-41, 2 FIGS, 4 TABLES
- 800290 KULSHRESHTHA, S D - 1968  
A NEW SENSE ORGAN IN BUCCAL CAVITY AND TONGUE  
OF THE FISH NOTOPTERUS NOTOPTERUS  
SCI CULT  
33(12)541-542, 1 FIG
- 800291 MORRILL, LEN - 1968  
UND NOCHMAL FEUERSCHWANZ-ZUCHT  
AQUARIEN TERRARIEN Z  
21(3)73
- 800292 HENRIKSON, RAY C; MATOLTSY, A GEDEON - 1968  
THE FINE STRUCTURE OF TELEOST EPIDERMIS, I,  
INTRODUCTION AND FILAMENT-CONTAINING CELLS  
J ULTRASTRUCT RES  
21(3/4)194-212, 11 FIGS
- 800293 HENRIKSON, RAY C; MATOLTSY, A GEDEON - 1968  
THE FINE STRUCTURE OF TELEOST EPIDERMIS, II,  
MUCOUS CELLS  
J ULTRASTRUCT RES  
21(3/4)213-221, 6 FIGS
- 800294 HENRIKSON, RAY C; MATOLTSY, A GEDEON - 1968  
THE FINE STRUCTURE OF TELEOST EPIDERMIS, III,  
CLUB CELLS AND OTHER CELL TYPES  
J ULTRASTRUCT RES  
21(3/4)222-232, 6 FIGS
- 800295 VAN DER LANDE, VIRGINIA M - 1968  
ESTERASE ACTIVITY IN CERTAIN GLANDS OF LEECHES  
(ANNELIDA, HIRUDINEA)  
COMP BIOCHEM PHYSIOL  
25(2)447-456, 5 FIGS, 4 TABLES
- 800296 ROOTS, BETTY I - 1968  
PHOSPHOLIPIDS OF GOLDFISH (CARASSIUS AURATUS L)

- BRAIN, THE INFLUENCE OF ENVIRONMENTAL TEMPERATURE**  
COMP BIOCHEM PHYSIOL  
25(2)457-466, 3 TABLES
- 800297** SOLOMON, K; ALLANSON, B R - 1968  
**THE EFFECTS OF EXPOSURE TO LOW TEMPERATURES ON THE SERUM PROTEIN OF TILAPIA MOSSAMBICA PETERS**  
COMP BIOCHEM PHYSIOL  
25(2)485-492, 6 FIGS
- 800298** HOUSTON, A H; REAVES, ROBERT S; MADDEN, JANE A; DEWILDE, MARY ANNE - 1968  
**ENVIRONMENTAL TEMPERATURE AND THE BODY FLUID SYSTEM OF THE FRESH-WATER TELEOST-I, IONIC REGULATION IN THERMALLY ACCLIMATED RAINBOW TROUT, SALMO GAIARDNERI**  
COMP BIOCHEM PHYSIOL  
25(2)563-581, 4 FIGS, 2 TABLES
- 800299** STEVENS, E DON - 1968  
**THE EFFECT OF EXERCISE ON THE DISTRIBUTION OF BLOOD TO VARIOUS ORGANS IN RAINBOW TROUT**  
COMP BIOCHEM PHYSIOL  
25(2)615-625, 2 FIGS, 5 TABLES
- 800300** MOUNIB, M S; EISAN, J S - 1968  
**CARBON DIOXIDE FIXATION BY SPERMATOOA OF COD**  
COMP BIOCHEM PHYSIOL  
25(2)703-709, 5 TABLES
- 800301** HUDSON, RICHARD C L - 1968  
**A RINGER SOLUTION FOR COTTUS (TELEOST) FAST MUSCLE FIBRES**  
COMP BIOCHEM PHYSIOL  
25(2)719-725, 2 FIGS, 4 TABLES
- 800302** EVANS, DAVID H - 1968  
**MEASUREMENT OF DRINKING RATES IN FISH**  
COMP BIOCHEM PHYSIOL  
25(2)751-753
- 800303** ARME, C; OWEN, R WYNNE - 1968  
**OCCURRENCE AND PATHOLOGY OF LIGULA INTESTINALIS INFECTIONS IN BRITISH FISHES**  
J PARASITOL  
54(2)272-280, 4 FIGS, 4 TABLES
- 800304** SMITH, R JAY - 1968  
**ANCYLID SNAILS AS FIRST INTERMEDIATE HOSTS OF LISSORCHIS MUTABILE COMB N (TREMATODA, LISSORCHIIDAE)**  
J PARASITOL  
54(2)283-285
- 800305** ROGERS, WILMER A - 1968  
**PSEUDACOLPENTERON PAVLOVSKYI BYCHOWSKY AND GUSSEV, 1955 (MONOGENEA), FROM NORTH AMERICA, WITH NOTES ON ITS TAXONOMIC STATUS**  
J PARASITOL  
54(2)339
- 800306** MEADE, THOMAS G; HARVEY, JOHN S JR - 1968  
**NEW RECORD OF NUMBERS AND SITES OF INFECTION IN FISHES BY THE ACANTHOCEPHALAN, EOCOLLIS ARCANUS VAN CLEAVE**  
J PARASITOL  
54(2)371
- 800307** LAALE, HANS W; MC CALLION, DAVID J - 1968  
**REVERSIBLE DEVELOPMENTAL ARREST IN THE EMBRYO OF THE ZEBRAFISH, BRACHYDANIO RERIO**  
J EXP ZOOLOG  
167(1)117-127, 1 FIG, 3 TABLES
- 800308** SQUIRES, W AUSTIN; GORHAM, STANLEY W - 1968  
**SILVERSIDE, MENIDIA MENIDIA, AND NORTHERN PIPEFISH, SYNGNATHUS FUSCUS, IN THE ST JOHN RIVER, N B CAN FIELD-NATUR**  
81(4)280
- 800309** KEYNES, RICHARD D - 1968  
**THE THERMODYNAMICS OF NERVE AND ELECTRIC ORGAN**  
J GEN PHYSIOL  
51(5)221S-225S
- 800310** FIERSTINE, HARRY L; APPELEGATE, SHELTON P - 1968  
**BILLFISH REMAINS FROM SOUTHERN CALIFORNIA WITH REMARKS ON THE IMPORTANCE OF THE PREDETERMINED BONE**  
S CALIF ACAD SCI BULL  
67(1)29-39, 2 FIGS, 3 TABLES
- 800311** STAPLETON, R P - 1968  
**TRACE ELEMENTS IN TISSUES OF THE CALICO BASS PARALABRAX CLATHRATUS (GIRARD)**  
S CALIF ACAD SCI BULL  
67(1)49-58, 1 FIG, 3 TABLES
- 800312** LEE, JEAN-YONGCHUL - 1968  
**THE DWARF SUNFISH (ELASSOMA EVERGLADEI)**  
PETFISH MONTHLY  
3(2)53-54
- 800313** BETTS, L C - 1968  
**THE CASE FOR HAND-SPAWNING GOLDFISH**  
PETFISH MONTHLY  
3(1)11-12 AND 3(2)57 + 60
- 800314** ZUKAL, RUDOLF - 1968  
**PENCIL FISH BREEDING IN PICTURES**  
PETFISH MONTHLY  
3(2)69-72, 6 FIGS
- 800315** NEUMANN, MANFRED - 1968  
**DIE ZUCHT VON PHENACOGRAMMUS INTERRUPTUS-EIN RATSEL?**  
AQUARIEN TERRARIEN Z  
21(5)136-139, 5 FIGS
- 800316** DIESENER, GUNTER - 1968  
**PROTOPTERUS AMPHIBIUS (PETERS 1844), DER OSTAFRIKANISCHE LUNGENFISCH**  
AQUARIEN TERRARIEN Z  
21(5)140-142, 1 FIG
- 800317** FOERSCH, WALTER - 1968  
**APLOCHEILICHTHYS FLAVIPINNIS MEINKEN 1932, DER GELBFLOSSIGE LEUCHTAUGENFISCH**  
AQUARIEN TERRARIEN Z  
21(5)142-143, 2 FIGS
- 800318** VAN DEN NIEUWENHUIZEN, AREND - 1968  
**DAS WUNDER IM WOHNZIMMER XIV**  
AQUARIEN TERRARIEN Z  
21(5)145-149, 5 FIGS
- 800319** HERKNER, HUGO - 1968  
**WEIT VERBREITET UND DOCH KAUM BEKANNT-EIN GEFÄHRLICHER, NEUER PARASIT IN UNSEREN AQUARIEN**  
AQUARIEN TERRARIEN Z  
21(5)153-157, 8 FIGS
- 800320** THINES, G; HEUTS, B - 1968  
**THE EFFECT OF SUBMISSIVE EXPERIENCES ON DOMINANCE AND AGGRESSIVE BEHAVIOR OF XIPHOPHORUS (PISCES, POECILIIDAE)**  
Z TIERPSYCHOL  
25(2)139-154, 2 FIGS, 4 TABLES
- 800321** DAVIS, ROGER E - 1968  
**ENVIRONMENTAL CONTROL OF MEMORY FIXATION IN GOLDFISH**  
J COMP PHYSIOL PSYCHOL  
65(1)72-78, 1 FIG, 3 TABLES
- 800322** GREEN, LORNA - 1968  
**MECHANISM OF MOVEMENTS OF GRANULES IN MELANOCYTES OF FUNDULUS HETEROCLOTUS**  
PROC NAT ACAD SCI U S A  
59(4)1179-1186, 8 FIGS

- 800323 YOUNG, P C - 1968  
TEN NEW SPECIES OF HALIOTREMA (MONOGENOIDEA,  
DACTYLOGYRIDAE) FROM AUSTRALIAN FISH AND A  
REVISION OF THE GENUS  
J ZOOL PROC ZOOL SOC LONDON  
154(1)41-75, 13 FIGS, 1 TABLE
- 800324 BISHOP, I R; FOXON, G E H - 1968  
THE MECHANISM OF BREATHING IN THE SOUTH  
AMERICAN LUNGFISH, LEPIDOSIREN PARADOXA, A  
RADIOLOGICAL STUDY  
J ZOOL PROC ZOOL SOC LONDON  
154(3)263-271, 2 FIGS, 5 PLATES
- 800325 MUNSHI, J S DATTA; SINGH, B N - 1968  
ON THE MICRO-CIRCULATORY SYSTEM OF THE GILLS OF  
CERTAIN FRESHWATER TELEOSTEAN FISHES  
J ZOOL PROC ZOOL SOC LONDON  
154(3)365-376, 3 FIGS, 1 TABLE, 4 PLATES
- 800326 MURAMOTO, JUN-ICHI; OHNO, SUSUMU - 1968  
ON THE DIPLOID STATE OF THE FISH ORDER  
OSTARIOPHYSI  
CHROMOSOMA  
24(1)59-66, 7 FIGS, 3 TABLES
- 800327 GRABDA, JADWIGA; GRABDA-KAZUBSKA, BOZENA - 1968  
REDESCRIPTION OF PARACANTHOCEPHALUS  
GRACILACANTHUS (MEYER, 1932) COMB NOVA  
(ACANTHOCEPHALA)  
ACTA PARASITOL POL  
15(1)35-41, 3 FIGS, 1 TABLE
- 800328 AWACHIE, J B E - 1968  
EXPERIMENTAL STUDIES ON SOME HOST-PARASITE  
RELATIONSHIPS OF THE ACANTHOCEPHALA,  
CO-INVASION OF GAMMARUS PULEX L BY  
ECHINORHYNCHUS TRUTTAE SCHRANK, 1788 AND  
POLYMORPHUS MINUTUS (GOEZE, 1782)  
ACTA PARASITOL POL  
15(1)69-74, 1 TABLE
- 800329 DE LIGNY, WILHELMINA - 1968  
POLYMORPHISM OF PLASMA ESTERASES IN FLOUNDER  
AND PLAICE  
GENET RES  
11(2)179-182, 3 FIGS
- 800330 HEDIGER, HEINI - 1968  
PUTZER-FISCHE IM AQUARIUM  
NATUR MUS  
98(3)89-96, 4 FIGS
- 800331 HARRISSON, C M H; PALMER, G - 1968  
ON THE NEOTYPE OF RADIICEPHALUS ELONGATUS  
OSORIO WITH REMARKS ON ITS BIOLOGY  
BRIT MUS (NATUR HIST) BULL ZOOL  
16(5)187-211, 6 FIGS, 2 TABLES
- 800332 TONG, L J; ELDER, R D - 1968  
DISTRIBUTION AND ABUNDANCE OF DEMERSAL FISH  
FROM TRAWL STATIONS IN THE BAY OF PLENTY, NEW  
ZEALAND, 1961-63  
N Z J MAR FRESHWATER RES  
2(1)49-66, 5 FIGS, 2 TABLES
- 800333 ELDON, G A - 1968  
NOTES ON THE PRESENCE OF THE BROWN MUDFISH  
(NEOCHANNA APODA GUNTHER) ON THE WEST COAST OF  
THE SOUTH ISLAND OF NEW ZEALAND  
N Z J MAR FRESHWATER RES  
2(1)37-48, 5 FIGS
- 800334 GULLAND, J A - 1968  
RECENT CHANGES IN THE NORTH SEA PLAICE FISHERY  
J CONS CONS PERMA INT EXPLOR MER  
31(3)305-322, 9 FIGS, 3 TABLES
- 800335 CUSHING, D H - 1968  
THE EAST ANGLIAN HERRING FISHERY IN THE  
EIGHTEENTH CENTURY  
J CONS CONS PERMA INT EXPLOR MER  
31(3)323-329, 3 FIGS, 1 TABLE
- 800336 STRASBURG, DONALD W; JONES, EVERET C;  
IVERSEN, ROBERT T B - 1968  
USE OF A SMALL SUBMARINE FOR BIOLOGICAL AND  
OCEANOGRAPHIC RESEARCH  
J CONS CONS PERMA INT EXPLOR MER  
31(3)410-426, 7 FIGS, 1 TABLE
- 800337 HUNTER, JOHN R; MITCHELL, CHARLES T - 1968  
FIELD EXPERIMENTS ON THE ATTRACTION OF PELAGIC  
FISH TO FLOATING OBJECTS  
J CONS CONS PERMA INT EXPLOR MER  
31(3)427-434, 3 FIGS, 3 TABLES
- 800338 MARTIN, RICHARD L - 1968  
THE EFFECT OF MALACHITE GREEN AS A FUNGICIDE  
OHIO J SCI  
68(2)118-121, 1 TABLE
- 800339 WELSH, J G - 1968  
A NEW APPROACH TO RESEARCH ON TUNA DISTRIBUTION  
IN SOUTH AFRICAN WATERS  
FISH BULL S AFR  
(5)32-34, 4 FIGS
- 800340 LAYCOCK, GEORGE - 1968  
THEY'RE MAKING IT HOT FOR FISH  
FIELD STREAM  
73(2)10 + 12 + 14 + 16, 1 FIG
- 800341 WILLOCK, THOMAS A - 1968  
NEW ALBERTA RECORDS OF THE SILVERY AND BRASSY  
MINNOWS, STONECAT AND SAUGER, WITH A  
PRELIMINARY LIST OF FISHES OF THE MILK RIVER IN  
ALBERTA  
CAN FIELD-NATUR  
82(1)18-23, 3 FIGS
- 800342 SCHOFFMAN, ROBERT J - 1968  
AGE AND RATE OF GROWTH OF THE LARGEMOUTH BLACK  
BASS IN REELFOOT LAKE, TENNESSEE, FOR 1961 AND  
1967  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)2-4, 3 FIGS, 2 TABLES
- 800343 GRAY, WILFORD; WARD, ROBERT P - 1968  
AGE AND GROWTH RATE OF BLUEGILL IN SELECTED  
FARM PONDS IN OBION COUNTY, TENNESSEE  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)5-6, 3 TABLES
- 800344 FITZ, RICHARD B - 1968  
FISH HABITAT AND POPULATION CHANGES RESULTING  
FROM IMPOUNDMENT OF CLINCH RIVER BY MELTON HILL  
DAM  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)7-15, 1 FIG 11 TABLES
- 800345 NOWLIN, WILLIAM J - 1968  
A NEW SPECIES OF GYRODACTYLUS (TREMATODA,  
MONOGENEA) FROM THE GOLDEN SHINER  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)29-30, 9 FIGS
- 800346 ACHER, R J - 1968  
NEUROPHYSIN AND NEUROHYPOPHYSIAL HORMONES  
PROC ROY SOC SER B BIOL SCI  
170(1018)7-16, 4 FIGS, 2 TABLES
- 800347 WEIS, JUDITH SHULMAN - 1968  
ANALYSIS OF THE DEVELOPMENT OF THE NERVOUS  
SYSTEM OF THE ZEBRAFISH, BRACHYDANIO RERIO, I,  
THE NORMAL MORPHOLOGY AND DEVELOPMENT OF THE  
SPINAL CORD AND GANGLIA OF THE ZEBRAFISH  
J EMBRYOL EXP MORPHOL  
19(2)109-119, 8 FIGS, 1 TABLE
- 800348 WEIS, JUDITH SHULMAN - 1968  
ANALYSIS OF THE DEVELOPMENT OF THE NERVOUS  
SYSTEM OF THE ZEBRAFISH, BRACHYDANIO RERIO, II,  
THE EFFECT OF NERVE GROWTH FACTOR AND ITS  
ANTISERUM ON THE NERVOUS SYSTEM OF THE  
ZEBRAFISH  
J EMBRYOL EXP MORPHOL



- 19(2)121-135, 2 FIGS, 4 TABLES
- 800349** THOMAS, ROBERT J - 1968  
YOLK DISTRIBUTION AND UTILIZATION DURING EARLY  
DEVELOPMENT OF A TELEOST EMBRYO (BRACHYDANIO  
RERIO)  
J EMBRYOL EXP MORPHOL  
19(2)203-215, 7 PLATES
- 800350** WELLER, J MARVIN - 1968  
EVOLUTION OF MAMMALIAN TEETH  
J PALEONTOL  
42(2)268-290, 20 FIGS
- 800351** LEHMANN, ROLF - 1968  
DIE NIEREN DER WIRBELTIERE  
NATURWISS RUNDSCH  
21(4)139-144, 8 FIGS
- 800352** HOHENDORF, KURT - 1968  
ZUR SCHWEBFAHIGKEIT PELAGISCHER FISCHEIER IN  
DER OSTSEE  
BER DEUT WISS KOM MEERESFORSCH  
19(3)181-193, 1 FIG, 6 TABLES
- 800353** ORAY, I K - 1968  
UNTERSUCHUNGEN UBER DAS LAICHEN DER SCHOLLE  
(PLEURONECTES PLATESSA L) IN DER SUDOSTLICHEN  
NORDSEE  
BER DEUT WISS KOM MEERESFORSCH  
19(3)194-225, 13 FIGS, 10 TABLES
- 800354** SCHULZ, HELMUT - 1968  
EIN EINFACHES GERAT ZUM ZAHLEN VON FISCHEIERN  
BER DEUT WISS KOM MEERESFORSCH  
19(3)226-230, 2 FIGS
- 800355** CRESSEY, ROGER F - 1968  
CALIGOID COPEPODS PARASITIC ON ISURUS  
OXYRINCHUS WITH AN EXAMPLE OF HABITAT SHIFT  
PROC U S NAT MUS  
125(3653)1-26, 58 FIGS, 4 PLATES
- 800356** STEIN, G A - 1968  
PARASITIC CILIATES (PERITRICHIA, URCEOLARIIDAE)  
OF FISHES OF THE AMUR BASIN  
ACTA PROTOZOOL  
5(12)229-244, 8 FIGS, 2 TABLES, 2 PLATES
- 800357** OSHIMA, K; GORSMAN, A - 1968  
MODIFICATION BY SEX HORMONES OF THE SPONTANEOUS  
AND EVOKED BULBAR ELECTRICAL ACTIVITY IN GOLD  
FISH  
J ENDOCRINOL  
40(4)409-420, 6 FIGS, 2 TABLES
- 800358** TRUSCOTT, B; IDLER, D R - 1968  
THE WIDESPREAD OCCURRENCE OF A CORTICOSTEROID 1  
ALPHA-HYDROXYLASE IN THE INTERRENALS OF  
ELASMOBRANCHII  
J ENDOCRINOL  
40(4)515-526, 5 TABLES
- 800359** LARKIN, P A; McDONALD, J G - 1968  
FACTORS IN THE POPULATION BIOLOGY OF THE  
SCKEY SALMON OF THE SKEENA RIVER  
J ANIM ECOL  
37(1)229-258, 11 FIGS, 10 TABLES
- 800360** JANES, TED - 1968  
NEW LIFE FOR AN OLD RIVER  
OUTDOOR LIFE  
141(6)39-41 + 149-153, 11 FIGS
- 800361** HILL, CLIFF W - 1968  
THE RESPONSE OF THE INTERRENAL GLAND OF RAINBOW  
TROUT (SALMO GAIKNERI) TO STRESS  
DISS ABSTR  
28(10)4267-B
- 800362** SETTERINGTON, RONALD GRAYDON - 1968  
SUCCESSIVE-HABIT-REVERSAL LEARNING IN THE  
AFRICAN MOUTHBREEDER FISH  
DISS ABSTR  
28(10)4328-B
- 800363** CHEN, TCHAW-REN - 1968  
COMPARATIVE KARYOLOGY OF SELECTED DEEP-SEA AND  
SHALLOW-WATER TELEOST FISHES  
DISS ABSTR  
28(10)4343-B-4344-B
- 800364** KUCHNOW, KARL PAUL - 1968  
TAPETAL PIGMENT RESPONSES OF ELASMOBRANCHS  
DISS ABSTR  
28(10)4350-B-4351-B
- 800365** MARVIN, DANIEL E - 1968  
CARDIAC AND RESPIRATORY RESPONSES TO HYPOXIA IN  
THREE ECOLOGICALLY DISTINCT SPECIES OF  
FRESHWATER FISH  
DISS ABSTR  
28(10)4352-B
- 800366** ROBERTSON, DOUGLAS REED - 1968  
SOME MORPHOLOGICAL AND PHYSIOLOGICAL ASPECTS OF  
THE ULTIMOBRANCHIAL BODY IN THE AMPHIBIAN, RANA  
PIPIENS AND THE TELEOST, SALMO GAIKNERI  
DISS ABSTR  
28(10)4355-B-4356-B
- 800367** MILLER, LEE W - 1968  
STURGEON TAGGING ON SAN PABLO BAY  
OUTDOOR CALIF  
29(3)4-5, 2 FIGS
- 800368** KABATA, Z - 1968  
TWO SPECIES OF CALIGUS (CALIGIDAE) FROM NEW  
CALEDONIA  
CRUSTACEANA 1968 SUPPL  
1:1-10, 3 FIGS, 5 TABLES
- 800369** SHIELDS, ROBERT J; TIDD, WILBUR M - 1968  
EFFECT OF TEMPERATURE ON THE DEVELOPMENT OF  
LARVAL AND TRANSFORMED FEMALES OF LERNAEA  
CYPRINACEA L (LERNAEIDAE)  
CRUSTACEANA 1968 SUPPL  
1:87-95, 8 FIGS, 4 TABLES
- 800370** KABATA, Z - 1968  
THE APPENDAGES OF LERNAEOLOPHUS SULTANUS (H  
MILNE EDWARDS, 1840) (LERNAEOCERIDAE)  
CRUSTACEANA 1968 SUPPL  
1:103-111, 2 FIGS
- 800371** PILLAI, N KRISHNA - 1968  
DESCRIPTION OF SOME SPECIES OF BRACHIELLA AND  
CLAVELLOPSIS WITH COMMENTS ON ISOBRANCHIA  
HEEGAARD  
CRUSTACEANA 1968 SUPPL  
1:119-135, 8 FIGS
- 800372** SEBASTIAN, M J - 1968  
CARDIODICTES KRISHNAI, A NEW SPECIES OF  
LERNAEID COPEPOD FROM THE FISH, VINCIGUERRIA  
LUCETIA (GARMAN)  
CRUSTACEANA 1968 SUPPL  
1:136-140, 13 FIGS
- 800373** PILLAI, N KRISHNA - 1968  
REDESCRIPTION OF CAETRODES PHOLAS C B WILSON  
AND ITS TRANSFER TO HATSCHKEIA POCHE AND THE  
DESCRIPTION OF HATSCHKEIA ELLIPTICA N SP  
CRUSTACEANA 1968 SUPPL  
1:141-151, 25 FIGS
- 800374** LAUBIER, LUCIEN - 1968  
SUR DEUX COPEPODES PARASITES DE LA RAIE MOBULA  
MOBULAR EN MEDITERRANEE OCCIDENTALE  
CRUSTACEANA 1968 SUPPL  
1:159-171, 3 FIGS

800375	JONES, D H; MATTHEWS, J B L - 1968 ON THE DEVELOPMENT OF SPHYRIUM LUMPI (KROYER) CRUSTACEANA 1968 SUPPL 1:177-185, 2 FIGS	800389	APFELBACH, R - 1968 OB EHEJOCH, OB FREIE LIEBE--FÜR DIE KINDER IST GESORGT AQUARIEN MAG (5)212-213, 3 FIGS	800375 - 800402
800376	BERKENKAMP, HEINZ O - 1968 DER 'SCHWARZE FLAGGENSALMLER', HYPHESSOBRYCON HERBERTAXELRODI AQUARIEN TERRARIEN Z 21(6)162-164, 1 FIG	800390	VON FILEK, WERNER - 1968 BOTIA MACRACANTHA--DAS FISCH-SCHWEIN AUS SUMATRA AQUA TERRA 5(5)33-34, 1 FIG	
800377	RADEK, GUNTHER - 1968 UNINTERESSANTE GRUNZEUGFRESSER? AQUARIEN TERRARIEN Z 21(6)164-166, 1 FIG	800391	FRANK, STANISLAV - 1968 DER BASSAMSALMLER HEMIGRAMMUS MARGINATUS AQUA TERRA 5(5)36-37, 2 FIGS	
800378	SCHALLER, ERICH - 1968 PUTZERFISCHE IM AQUARIUM AQUARIEN TERRARIEN Z 21(6)176-180, 5 FIGS	800392	ANONYMOUS - 1968 EIN SELTENER SALMLER AQUA TERRA 5(5)40, 1 FIG	
800379	HOBSON, EDMUND S - 1968 PREDATORY BEHAVIOR OF SOME SHORE FISHES IN THE GULF OF CALIFORNIA DISS ABSTR 28(9)3773-B	800393	FIERSTINE, HARRY L - 1968 SWOLLEN DORSAL FIN ELEMENTS IN LIVING AND FOSSIL CARANX (TELEOSTEI, CARANGIDAE) LOS ANGELES COUNTY MUS CONTRIB SCI (137)1-10, 5 FIGS	
800380	CALDWELL, RICHARD STANLEY - 1968 TEMPERATURE ACCLIMATION IN THE GOLDFISH (CARASSIUS AURATUS L), STUDIES ON TERMINAL ELECTRON TRANSPORT AND THE ROLE OF LIPIDS DISS ABSTR 28(9)3923-B-3924-B	800394	WHITLEY, GILBERT P - 1968 SOME FISHES FROM NEW SOUTH WALES PROC ROY ZOOL SOC N S W 1966-67:32-40, 5 FIGS	
800381	KAILL, WILLIAM MICHAEL - 1968 ECOLOGY AND BEHAVIOR OF THE CYPRINODONTID FISHES JORDANELLA FLORIDAE GOODE AND BEAN, FLORIDICHTHYS CARPIO (GUNTHER) AND CYPRINODON VARIEGATUS LACEPEDE DISS ABSTR 28(9)3927-B-3928-B	800395	DIMCHEVA-GROZDANOVA, LILIANA - 1968 THE EMBRYONIC DEVELOPMENT OF RAINBOW TROUT FROM OVERRIPE ROE BULG AKAD NAUK IZV ZOOL INST MUS 26:83-101, 1 FIG, 3 TABLES	
800382	SAVITZ, JAN - 1968 THE EFFECTS OF TEMPERATURE, BODY WEIGHT, AND STARVATION ON NITROGEN EXCRETION IN THE BLUEGILL SUNFISH (LEPOMIS MACROCHIRUS) DISS ABSTR 28(9)3930-B-3931-B	800396	EHELLE, ANTHONY A - 1968 FOOD HABITS OF YOUNG-OF-YEAR LONGNOSE GAR IN LAKE TEXOMA, OKLAHOMA SOUTHWEST NATUR 13(1)45-50, 2 TABLES	
800383	PROBSTING, HERMANN - 1968 TYRANN UND SCHURZENJÄGER, DER TURKIS-BUNTBARSCHE AQUARIEN MAG (5)178-180, 1 FIG	800397	TAFANELLI, ROBERT J; BASS, J CARL - 1968 FEEDING RESPONSE OF LEPOMIS CYANELLUS TO BLISTER BEETLES (MELOIDAE) SOUTHWEST NATUR 13(1)51-54, 1 TABLE	
800384	FRYER, GEOFFREY - 1968 BUNTBARSCHE IM NYASSA-SEE, DAS ÜBERDIMENSIONALE AQUARIUM, 200 CICHLIDEN-ARTEN IN EINEM BECKEN AQUARIEN MAG (5)182-184, 7 FIGS	800398	HILL, LOREN G; JENSSEN, THOMAS H - 1968 A MERISTIC STUDY OF THE REDBELLY DACE, CHROMOMUS ERYTHROGASTER (CYPRINIDAE), FROM A STREAM IN SOUTHERN OKLAHOMA SOUTHWEST NATUR 13(1)55-60, 1 FIG, 2 TABLES	
800385	FEUCHT, HEINZ - 1968 ZU EMPFEHLEN, BUNTBARSCHE AUS DEM NYASSA-SEE AQUARIEN MAG (5)185-189, 9 FIGS	800399	LISSMANN, H W; MULLINGER, F R S; MULLINGER, ANN M - 1968 ORGANIZATION OF AMPULLARY ELECTRIC RECEPTORS IN GYMNOTIDAE (PISCES) PROC ROY SOC SER B BIOL SCI 169(1017)345-378, 50 FIGS, 1 TABLE	
800386	RUSEK, JOSEF - 1968 DIE GAFFER AUS DEM SCHWARZEN MEER AQUARIEN MAG (5)190-191, 2 FIGS	800400	HAMMOND, R A - 1968 OBSERVATIONS ON THE BODY SURFACE OF SOME ACANTHOCEPHALANS NATURE (LONDON) 218(5144)872-873, 3 FIGS	
800387	FURSCH, HELMUT - 1968 HALBSCHNABELHECHTE--UMSTANDEHALBER ABZUGEBEN, DERMOGENYS-ARTEN SIND 'FAST' FILIEGENDE FISCHE AQUARIEN MAG (5)198-199, 5 FIGS	800401	BOISSON, C; MATTEI, X; MATTEI, C - 1968 LA SPERMIOGENESE DE RHINOBATUS CEMICULUS GEOFF ST-HILAIRE (SELACIEN RHINOBATIDAE), ETUDE AU MICROSCOPE ELECTRONIQUE BULL INST FOND AFR NOIRE 30(2)659-689, 2 FIGS, 8 PLATES	
800388	FEUCHT, HEINZ - 1968 DAS LAUNENHAFTE LIEBESPAAR, DIE FUNFGURTELBARBE LAICHT NICHT AUF BEFEHL AQUARIEN MAG (5)204-205, 6 FIGS	800402	BLACHE, J - 1968 CONTRIBUTION A LA CONNAISSANCE DES POISSONS ANGUILLIFORMES DE LA COTE OCCIDENTALE	

- D'AFRIQUE, SEPTIEME NOTE LA FAMILLE DES MURAENESOCIDAE**  
BULL INST FOND AFR NOIRE  
30(2)690-736, 31 FIGS
- 800403** PLANE, M; GATEHOUSE, C G - 1968  
**A NEW VERTEBRATE FAUNA FROM THE TERTIARY OF NORTHERN AUSTRALIA**  
AUST J SCI  
30(7)272-273, 1 FIG
- 800404** KLAUSEWITZ, WOLFGANG - 1968  
**FISCHE AUS DEM ROTEN MEER, VIII, BIAT MAGNUSI N SP. EINE NEUE MEERGRUNDEL (PISCES, OSTEICHTHYES, GOBIIDAE)**  
SENCKENBERGIANA BIOL  
49(1)13-17, 3 FIGS
- 800405** BATH, HANS - 1968  
**UNTERSUCHUNG DER SCHLEIMFISCHART BLENNIUS INAEQUALIS VALENCIENNES, 1836 (PISCES, BLENNIOIDEA, BLENNIIDAE)**  
SENCKENBERGIANA BIOL  
49(1)19-24, 5 FIGS, 1 TABLE
- 800406** BLOT, JACQUES - 1968  
**LE SQUELETTE INTERNE DE LA NAGEOIRE ANALE ET SES RELATIONS AVEC LE SQUELETTE AXIAL**  
CR HEBD SEANCES ACAD SCI PARIS  
266(19)1943-1946, 2 FIGS
- 800407** FITCH, JOHN E - 1968  
**OTOLITHS AND OTHER FISH REMAINS FROM THE TIMMS POINT SILT (EARLY PLEISTOCENE) AT SAN PEDRO, CALIFORNIA**  
LOS ANGELES COUNTY MUS CONTRIB SCI  
(146)1-29, 4 FIGS, 1 TABLE
- 800408** CARROTHERS, P J G - 1968  
**INSTRUMENTATION FOR THE ENGINEERING STUDY OF OTTER TRAWLS**  
FISH RES BOARD CAN BULL  
(163)VII + 1-45, 31 FIGS
- 800409** HAEDRICH, RICHARD L; CRADDOCK, JAMES E - 1968  
**DISTRIBUTION AND BIOLOGY OF THE OPISTHOPTERID FISH WINTERIA TELESCOPA BRAUER 1901**  
BREVIORA  
(294)1-11, 4 FIGS, 2 TABLES
- 800410** MEULENGRACHT-MADSEN, JENS - 1968  
**CICHLIDERNE, ADFAERDSFORSKNINGENS VIDUNDERBORN**  
NATUR VERDEN  
(MAR)76-82, 6 FIGS
- 800411** TAVOLGA, WILLIAM N - 1968  
**MARINE ANIMAL DATA ATLAS**  
TECH REP NAVTRADEVEN  
1212-2:1-x + 1-239.231 FIGS
- 800412** DE GRAAF, FRANK - 1968  
**ANEMOONVISSSEN (1)**  
AQUARIUM (DEN HAAG)  
38(11)242-245, 8 FIGS, (2) 38(12)272-275, 7 FIGS
- 800413** CORNELL, J HARRY - 1968  
**HOW FISH FEED**  
WILDLIFE NC  
32(6)22-24, 2 FIGS
- 800414** VAN DEN NIEUWENHUIZEN, AREND - 1968  
**PLEZIER MET CICHLIDEN (3), AEQUIDENS PULCHER**  
AQUARIUM (DEN HAAG)  
38(11)254-259, 11 FIGS
- 800415** JALABERT, B; BILLARD, ROLAND - 1968  
**HYPOPHYSECTOMIE DE POECILIA RETICULATA (POISSON TELEOSTEEN)**  
ANN BIOL ANIM BIOCHIM BIOPHYS  
8(1)99-105, 8 FIGS
- 800416** HENRY, KENNETH A, ET AL - 1968  
**REPORT OF THE BUREAU OF COMMERCIAL FISHERIES BIOLOGICAL LABORATORY, BEAUFORT, N C FOR THE FISCAL YEAR ENDING JUNE 30, 1967**  
U S FISH WILDLIFE SERV CIRC  
(287)I-III + 1-22, 17 FIGS, 9 TABLES
- 800417** RICKARDS, WILLIAM L - 1968  
**ECOLOGY AND GROWTH OF JUVENILE TARPON, MEGALOPS ATLANTICUS, IN A GEORGIA SALT MARSH**  
BULL MAR SCI  
18(1)220-239, 6 FIGS, 9 TABLES
- 800418** HOESE, H D; COPELAND, B J; MOSELEY, FRANK N; LANE, E DAVID - 1968  
**FAUNA OF THE ARANSAS PASS INLET, TEXAS, III, DIEL AND SEASONAL VARIATIONS IN TRAWLABLE ORGANISMS OF THE ADJACENT AREA**  
TEX J SCI  
20(1)33-60, 7 FIGS, 5 TABLES
- 800419** BALON, EUGENIUSZ K - 1968  
**FUND EINES GRASKARPFENS CTENOPHARYNGODON IDELLA (VALENCIENNES, 1844) IN DEM HAUPTSTROM DER DONAU BEIM KM 1749**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)97-103, 5 FIGS
- 800420** CERNY, KAREL - 1968  
**GROWTH-STUDY OF TENCH, TINCA TINCA (LINNAEUS)**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)131-165, 5 FIGS, 20 TABLES
- 800421** HOLCIK, JURAJ - 1968  
**LIFE HISTORY OF THE PIKE-ESOX LUCIUS LINNAEUS, 1758, IN THE KLICAVA RESERVOIR**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)166-180, 7 FIGS, 5 TABLES
- 800422** OLIVA, OTA; SKOREPA, VLASTISLAV - 1968  
**THE MYODOME IN BREAM, ABRAMIS BRAMA (LINNAEUS)**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)181-184, 2 FIGS
- 800423** GUTMANN, WOLFGANG-FRIEDRICH - 1968  
**DIE EMBRYONAL-ENTWICKLUNG DES MENSCHEN UND DIE STAMMESGESCHICHTE DER WIRBELTIERE**  
NATUR MUS  
98(2)64-70, 2 FIGS
- 800424** PALEUS, S; SCHUCHHARDT, S; LUBBERS, D W - 1968  
**PHOTOMETRISCHE MESSUNGEN AM SCHLAGENDEN HERZ VON MYXINE GLUTINOSA L ZUR ERFASSUNG INTRACELLULAR GELEGENER HAMOPROTEINE**  
PFLUEGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
299(3)252-260, 4 FIGS, 1 TABLE
- 800425** NELSON-SMITH, ANTHONY - 1968  
**THE EFFECTS OF OIL POLLUTION AND EMULSIFIER CLEANSING ON SHORE LIFE IN SOUTH-WEST BRITAIN**  
J APPL ECOL  
5(1)97-107, 2 FIGS
- 800426** MOORE, W H - 1968  
**A LIGHT-WEIGHT PULSED D C FISH SHOCKER**  
J APPL ECOL  
5(1)205-208, 4 FIGS
- 800427** DADZIE, STEPHEN - 1968  
**THE STRUCTURE OF THE CHORION OF THE EGG OF THE MOUTHBROODING CICHLID FISH TILAPIA MOSSAMBICA**  
J ZOOLOG PROC ZOOLOG SOC LONDON  
154(2)161-163, 1 FIG
- 800428** NOVITSKII, O P - 1968  
**MAP OF NATURE'S DYNAMICS AND SIBERIAN FISH PRIRODA (MOSKVA)**  
(2)55-58, 4 FIGS
- 800429** MALIUTIN, V S - 1968  
**STURGEON, PRESENT AND FUTURE**



- PRIRODA (MOSKVA)  
(3)83-89, 7 FIGS, 1 TABLE
- 800430 SHAVERDASHVILI, R S - 1968  
**ATLANTIC STURGEON**  
PRIRODA (MOSKVA)  
(3)90-91, 1 FIG
- 800431 BORISOV, I N - 1968  
**ON THE SOURCES OF DEVELOPMENT OF THE FISH SKELETON MUSCLES**  
VESTN ZOOL  
(1)20-29, 7 FIGS
- 800432 ZAMBRIBORSHCH, F S - 1968  
**ON TAXONOMY OF GOBIIDAE OF THE BASINS OF THE BLACK AND AZOV SEAS (SHORT IDENTIFICATION TABLE)**  
VESTN ZOOL  
(1)37-44, 2 FIGS, 1 TABLE
- 800433 KOROLEVA, IN I - 1968  
**A KARYOLOGICAL STUDY OF CERTAIN SPECIES OF MONOGENEA OF THE GENUS DIPLOZOOM**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
179(1/2/3)739-741, 3 FIGS
- 800434 DAVYDOVA, S I - 1968  
**MATURATION OF OOCYTES OF ACIPENSERIDAE OUTSIDE THE BODY OF THE FEMALE**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
179(1/2/3)750-752
- 800435 NORREVANG, ARNE - 1968  
**ELECTRON MICROSCOPIC MORPHOLOGY OF OOGENESIS**  
INT REV CYTOL  
23:113-186, 28 FIGS
- 800436 SHRIVASTAVA, K P; FLOODGATE, G D - 1968  
**STUDIES ON THE INTESTINAL MICROFLORA OF THE DAB, LIMANDA LIMANDA L**  
J MAR BIOL ASS INDIA  
8(1)1-7, 2 TABLES
- 800437 DURVE, V S; RAJA, S K DHARMA - 1968  
**EFFECTS OF ANAESTHETICS ON THE BEHAVIOUR OF MULLET FINGERLINGS AND THE SCOPE OF USING THESE IN DIFFERENT FISHERY PROCEDURES-I**  
J MAR BIOL ASS INDIA  
8(1)28-55, 3 FIGS, 14 TABLES
- 800438 PILLAI, N KRISHNA - 1968  
**NOTES ON COPEPODS PARASITIC ON SOUTH INDIAN MARINE FISHES**  
J MAR BIOL ASS INDIA  
8(1)123-140, 10 FIGS
- 800439 JONES, S; KUMARAN, M - 1968  
**NEW RECORDS OF FISHES FROM THE SEAS AROUND INDIA-PART IV**  
J MAR BIOL ASS INDIA  
8(1)163-180, 20 FIGS
- 800440 BENSAM, P - 1968  
**THE EGGS AND EARLY DEVELOPMENT OF A MURAENID EEL**  
J MAR BIOL ASS INDIA  
8(1)181-187, 13 FIGS
- 800441 SUBRAHMANYAM, C B - 1968  
**EGGS AND EARLY DEVELOPMENT OF TWO MORE CARANGIDS FROM MADRAS**  
J MAR BIOL ASS INDIA  
8(1)188-192, 5 FIGS
- 800442 LUTHER, G - 1968  
**ON THE LITTLE KNOWN FISH, CHIROCENTRUS NUDUS SWAINSON FROM THE INDIAN SEAS, AND ITS COMPARISON WITH CHIROCENTRUS DORAB (FORSKAL)**  
J MAR BIOL ASS INDIA  
8(1)193-201, 1 FIG, 3 TABLES
- 800443 RAO, K VIRABHADRA; MEENAKSHISUNDARAM, P T; DORAI RAJ, K - 1968  
**RELATIVE ABUNDANCE OF TRAWL FISHES IN THE BOMBAY-SAURASHTRA WATERS**  
J MAR BIOL ASS INDIA  
8(1)205-212, 3 TABLES
- 800444 GEORGE, K C; DAYANANDAN, M G - 1968  
**ATROPHACANTHUS DANAE FRASER BRUNNER AND CHAETODON JAYAKARI NORMAN, NEW RECORDS OF FISHES FROM THE ARABIAN SEA OFF THE SOUTH-WEST COAST OF INDIA**  
J MAR BIOL ASS INDIA  
8(1)220-222, 2 FIGS
- 800445 SUDARSAN, D - 1968  
**ON THE EARLY DEVELOPMENT OF THE PIPE-FISH SYNGNATHOIDES BIACULEATUS (BLOCH)**  
J MAR BIOL ASS INDIA  
8(1)222-224, 2 FIGS
- 800446 VENKATARAMAN, G; BENNET, P SAM; KRISHNA MURTY, V S; CHENNUBHOLTA; RAMAKRISHNAN, K N - 1968  
**A NOTE ON THE OCCURRENCE OF LARGE SCALE FISH MORTALITY ALONG THE CHALIYAR RIVER NEAR BEYPORE**  
J MAR BIOL ASS INDIA  
8(1)224-226
- 800447 BENNET, P SAM - 1968  
**BOMOLOCHUS VARUNAE, A NEW SPECIES OF PARASITIC COPEPOD FROM ANODONTOSTOMA CHACUNDA (HAMILTON BUCHANAN)**  
J MAR BIOL ASS INDIA  
8(2)295-301, 3 FIGS, 1 TABLE
- 800448 SUDARSAN, D - 1968  
**EGGS AND LARVAE OF A HEMIRHAMPHID FISH FROM MANDAPAM**  
J MAR BIOL ASS INDIA  
8(2)342-346, 3 FIGS
- 800449 BALASUBRAHMANYAM, K - 1968  
**LARVA OF IDIACANTHUS FASCIOLA (PISCES-FAM IDIACANTHIDAE) FROM THE BAY OF BENGAL**  
J MAR BIOL ASS INDIA  
8(2)347-349, 1 FIG
- 800450 RAO, K SRINIVASA - 1968  
**THE OCCURENCE OF DECAPTERUS DAYI WAKIYA, IN THE ARABIAN SEA OFF BOMBAY, WITH A TAXONOMIC NOTE**  
J MAR BIOL ASS INDIA  
8(2)350-353, 1 TABLE
- 800451 LUTHER, G - 1968  
**ON THE OCCURRENCE OF STEINEGERIA RUBESCENS JORDAN AND EVERMANN (BRAMIDAE PISCES) IN THE INDIAN OCEAN**  
J MAR BIOL ASS INDIA  
8(2)354-356, 2 FIGS
- 800452 BAPAT, S V; RADHAKRISHNAN, N - 1968  
**A NOTE ON THE OCCURENCE OF ABNORMAL SPECIMENS OF MACKERAL, RASTRELLIGER KANAGURTA (C) ON THE KARWAR COAST**  
J MAR BIOL ASS INDIA  
8(2)363-364, 1 FIG, 1 TABLE
- 800453 GNANAMUTTU, J C - 1968  
**ON THE OCCURRENCE OF THE ORIENTAL BONITO, SARDA ORIENTALIS (TEMMINCK AND SCHLEGEL) ALONG THE MADRAS COAST**  
J MAR BIOL ASS INDIA  
8(2)365
- 800454 RAJAPANDIAN, M E; MURTY, V SRIRAMACHANDRA 1968  
**ON THE OCCURRENCE OF THE SPOTTED THREADFIN, POLYNEMUS MICROSTOMA BLEEKER IN THE GULF OF MANNAR**  
J MAR BIOL ASS INDIA  
8(2)365-367, 1 FIG, 1 TABLE

- 800455 - 800479
- 800455 NOBLE, A - 1968  
NOTE ON THE FOOD OF FLYING GURNARD,  
DACTYLOPTENA ORIENTALIS (CUVIER)  
J MAR BIOL ASS INDIA  
8(2)368-369
- 800456 RAO, M BABU; SINHA, NAVEEN KUMAR - 1968  
A NEW RECORD OF JOHNIUS NOVAE-HOLLANDIAE  
(STEINDACHNER) (PISCES, SCIAENIDAE) FROM INDIA  
J MAR BIOL ASS INDIA  
8(2)370-372, 2 FIGS
- 800457 TALWAR, P K; CHAKRAPANY, S - 1968  
BRACHIRUS PANOIDES BLEEKER AND PARDACHIRUS  
MARMORATUS (LACEPEDE) (SOLEIDAE, PISCES), NEW  
RECORDS FOR THE INDIAN COAST  
J MAR BIOL ASS INDIA  
8(1)202-204, 2 FIGS
- 800458 TALWAR, P K; SEN, T K - 1968  
A NOTE ON THE NATURAL DISTRIBUTION OF THE  
FLATFISH, ZEBRIAS ALTIPINNIS (ALCOCK)  
J MAR BIOL ASS INDIA  
8(2)367-368
- 800459 RANGARAJAN, K - 1968  
ON AN INSTANCE OF REDUCED NUMBER OF ANAL SPINES  
IN SCOLOPSIS PHAEOPS (BENNETT)  
(SCOLOPSIDAE-PISCES)  
J MAR BIOL ASS INDIA  
8(2)369-370, 1 FIG
- 800460 SWIFT, CAMM; WING, ELIZABETH S - 1968  
FOSSIL BONY FISHES FROM FLORIDA  
THE PLASTER JACKET (GAINESVILLE)  
(7)2-11, 8 FIGS
- 800461 RINGUELET, RAUL A - 1968  
LLAVE O CLAVE PARA EL RECONOCIMIENTO DE LAS  
SANGUIJUELAS CONOCIDAS DE LA REPUBLICA  
ARGENTINA (HIRUDINEA) Y APUNTAMIENTOS SOBRE LA  
HIRUDOFUNA NEOTROPICA Y TRANSICIONAL MEXICANA  
PHYSIS REV ASSOC ARGENT CIENC NATUR  
27(75)367-390
- 800462 DE CIECHOMSKI, JUANA D; CHRISTIANSEN, HARALDO E  
1968  
UN CASO DE HERMAFRODITISMO EN LA MERLUZA  
MERLUCCIIUS MERLUCCIIUS HUBBSI (PISCES,  
MERLUCCIIDAE)  
PHYSIS REV ASSOC ARGENT CIENC NATUR  
27(75)423-428, 9 FIGS
- 800463 GUPTA, A N - 1968  
PARADIPLANGUS INDICUS SP NOV (TREMATODA,  
DIGenea, FAM CALLODISTOMIDAE POCHÉ, 1926) FROM  
TETRADON VIRIDIPUNCTATUS (GUNTHER) FROM INDIA  
RIV PARASSITOL  
29(1)17-20, 1 FIG
- 800464 DUCKER, G; RENSCH, B - 1968  
VERZÖGERUNG DES VERGESSENS ERLEARNTER VISUELLER  
AUFGABEN BEI FISCHEN DURCH DUNKELHALTUNG  
PFLUEGERS ARCH GESAMTE PHYSIOL MESCHEN TIERE  
30(1)1-6, 1 FIG, 1 TABLE
- 800465 HIDEOMI, TUGE; UCHIHASHI, KIYOSHI;  
SEE SHIMAMURA, HATSUTARO - 1968  
803183 AN ATLAS OF THE BRAINS OF FISHES OF JAPAN  
TSUKIJI SHODAN PUBLISHING CO LTD: TOKYO, 1-240,  
ILLUS
- 800466 DE VOOYS, G G N - 1968  
FORMATION AND EXCRETION OF AMMONIA IN  
TELEOSTEI, I, EXCRETION OF AMMONIA THROUGH THE  
GILLS  
ARCH INT PHYSIOL BIOCHEM  
76(2)268-272, 1 FIG
- 800467 BROTHI, J - 1968  
IDENTIFICATION HISTOENZYMOLOGIQUE DES FIBRES  
LENTES ET RAPIDES DANS LES MUSCLES  
SQUELETTIQUES DES VERTEBRES
- ARCH INT PHYSIOL BIOCHEM  
76(2)299-310, 15 FIGS
- 800468 VANDEPITTE, ERIC - 1968  
BAUCHOBEN DURCH DEN KONGO, EIN NONKONFORMIST  
UNTER DEN FISCHEN, DER SCHWARZBAUCH-KONGOWEIS  
AQUARIEN MAG  
(6)223-225, 4 FIGS
- 800469 LANGESCHIED, CORNELIS - 1968  
DER PAUKBODEN IM AQUARIUM, BUNTBARSCHE KAMPFEN  
RITTERLICH  
AQUARIEN MAG  
(6)230-233, 6 FIGS
- 800470 ZUKAL, RUDA - 1968  
HOCHZEIT BEI FAMILIE STREIFENHECHTLING  
AQUARIEN MAG  
(6)236-239, 12 FIGS
- 800471 MEINKEN, HERMANN - 1968  
SCHON WIE EIN PFAU--UND DURCHSCHEINEND WIE  
KLARES WASSER, DER PFAUENGLASBARSCHE--EINE  
NEUHEIT AUS MALAYA  
AQUARIEN MAG  
(6)240-243, 2 FIGS
- 800472 VAN DEN NIEUWENHUIZEN, AREND - 1968  
NANNAETHIOPS UNITAENIATUS GUNTHER, 1871  
AQUA TERRA  
5(6)47-48 1 FIG
- 800473 BISHAI, H M; ABU-GIDEIRI, Y B - 1968  
STUDIES ON THE BIOLOGY OF GENUS SYNDONTIS AT  
KHARTOUM, III-REPRODUCTION  
HYDROBIOLOGIA  
31(2)193-202, 3 FIGS, 3 TABLES
- 800474 DORNESCO, G T; MISCALENCU, D - 1968  
NOUVELLE CONTRIBUTION A L ETUDE COMPARATIVE DES  
BRANCHIES DE QUELQUES ESPECES DE L'ORDRE DES  
PERCIFORMES  
ZOOLOG JAHRB ABT ANAT ONTOG TIERE  
85(2)228-244, 14 FIGS
- 800475 NITTINGER, JURGEN - 1968  
HISTOLOGISCHE UND HISTOCHEMISCHE UNTERSUCHUNGEN  
ÜBER DIE INVOLUTION DES DOTTERSACKS BEI  
LEBISTES RETICULATUS PETERS UND SALMO IRIDEUS  
GIBB  
ZOOLOG JAHRB ABT ANAT ONTOG TIERE  
85(2)245-325, 42 FIGS
- 800476 HARDY, ERIC - 1968  
THE MARINE FISHES OF MORECAMBE BAY  
FIELD NATURALIST (CUMBERLAND)  
13(1)2-5
- 800477 INOUE, MOTOO; AMANO, RYOHEI; IWASAKI, YUKINOBU;  
YAMAUTI, MINORU - 1968  
STUDIES ON ENVIRONMENTS ALLURING SKIPJACK AND  
OTHER TUNAS-- II, ON THE DRIFTWOODS ACCOMPANIED  
BY SKIPJACK AND TUNAS  
BULL JAP SOC SCI FISH  
34(4)283-287, 1 FIG, 1 TABLE
- 800478 INOUE, MOTOO; AMANO, RYOHEI; IWASAKI, YUKINOBU;  
YAMAUTI, MINORU - 1968  
STUDIES ON ENVIRONMENTS ALLURING SKIPJACK AND  
OTHER TUNAS-- III, TAGGING EXPERIMENTS ON THE  
EXPERIMENTAL DRIFTWOODS AS PART OF ECOLOGICAL  
STUDY OF TUNAS  
BULL JAP SOC SCI FISH  
34(4)288-294, 3 FIGS, 2 TABLES
- 800479 KITAHARA, TAKERU - 1968  
ON SWEEPING TRAMMEL NET (KOGISASHIMI) FISHERY  
ALONG COAST OF THE SAN-IN DISTRICTS--II, CHANGE  
OF DAILY CATCH BY NET IN SHIMANE PREFECTURE  
BULL JAP SOC SCI FISH  
34(4)300-304, 2 FIGS, 1 TABLE

- 800480 YONE, YASUO - 1968  
EFFECT OF FURAZOLIDONE ON GROWTH AND FEED  
EFFICIENCY OF RED SEA BREAM  
BULL JAP SOC SCI FISH  
34(4)305-309, 2 FIGS, 5 TABLES
- 800481 UENO, MOTOKAZU - 1968  
FOOD AND FEEDING BEHAVIOR OF PACIFIC SALMON-I,  
THE STRATIFICATION OF FOOD ORGANISMS IN THE  
STOMACH  
BULL JAP SOC SCI FISH  
34(4)315-318, 1 FIG, 3 TABLES
- 800482 HIGO, NOBIO - 1968  
PIEFFECT IN THE SWIMMING MOTIONS OF FISH-I,  
HORIZONTAL U-TURN MOTION  
BULL JAP SOC SCI FISH  
34(4)319-323, 6 FIGS, 1 TABLE
- 800483 MITANI, FUMIO - 1968  
AN ATTEMPT TO ESTIMATE THE POPULATION SIZE OF  
THE MOJAKO, THE JUVENILE OF THE YELLOWTAIL,  
FROM THE AMOUNT OF THE FLOATING SEAWEEDES, BASED  
ON THE OBSERVATIONS MADE BY MEANS OF AEROPLANE  
AND VESSELS-IV, RATE OF EXPLOITATION OF THE  
MOJAKO  
BULL JAP SOC SCI FISH  
34(4)324-334, 7 FIGS, 4 TABLES
- 800484 IKEDA, SHIZUNORI; TAGUCHI, TAKESHI - 1968  
STUDIES ON THE PROPERTIES OF FISH  
ACTOMYOSIN-II, EFFECT OF LECITHIN ON THE  
SOLUBILITY OF ACTOMYOSIN FROM YELLOWTAIL MUSCLE  
BULL JAP SOC SCI FISH  
34(4)335-338, 6 FIGS
- 800485 TAGUCHI, TAKESHI; IKEDA, SHIZUNORI - 1968  
STUDIES ON THE PROPERTIES OF FISH  
ACTOMYOSIN-III, LECITHIN FOUND IN THE  
ACTOMYOSIN FROM FISH MUSCLE  
BULL JAP SOC SCI FISH  
34(4)339-343, 1 FIG, 4 TABLES
- 800486 YAMAGATA, MAKOTO; HORIMOTO, KATSUYA;  
NAGAOKA, CHUJIRO - 1968  
ON THE DISTRIBUTION OF TRIMETHYLAMINE OXIDE IN  
THE MUSCLES OF YELLOWFIN TUNA  
BULL JAP SOC SCI FISH  
34(4)344-350, 1 FIG, 6 TABLES
- 800487 UEDA, TADAO; SHIMIZU, YUTAKA; SIMIDU, WATARU  
1968  
SPECIES DIFFERENCE IN FISH ACTOMYOSIN-III, THE  
VELOCITY AND MECHANISM OF HEAT-DENATURING  
REACTION  
BULL JAP SOC SCI FISH  
34(4)351-356, 6 FIGS, 1 TABLE
- 800488 OGAWA, YOSHINORI - 1968  
EXPERIMENTS ON THE ATTRACTIVENESS OF ARTIFICIAL  
REEFS FOR MARINE FISHES-VIII, ATTRACTION OF  
YOUNG YELLOW-TAIL TO THE MODEL FISH REEFS  
BULL JAP SOC SCI FISH  
34(3)169-176, 5 FIGS, 7 TABLES
- 800489 KOIKE, ATSUSHI - 1968  
CATCHING EFFICIENCY OF MASU-AMI WITH DIFFERENT  
COLORED BAG-NETS-I, THE EFFECT OF COLORED  
BAG-NETS ON CATCH  
BULL JAP SOC SCI FISH  
34(3)177-184, 4 FIGS, 5 TABLES
- 800490 TSUCHIYA, YASUHIKO; NOMURA, TADASI - 1968  
FORMATION DU VERDOHAEMOCHROME PAR LES  
POISSONS-II, REPARTITION DU DEGRE DE FORMATION  
DANS DIVERS TISSUS ANIMAUX ET DANS LES CELLULES  
HEPATIQUES CHEZ COLOABIS SAIRA  
BULL JAP SOC SCI FISH  
34(3)205-209, 3 TABLES
- 800491 YAMAGUCHI, KATSUMI; HASHIMOTO, KANEHISA;  
MATSUURA, FUMIO - 1968  
STUDIES ON A BLUE-GREEN SERUM PIGMENT OF  
EEL-III, AMINO ACID COMPOSITION AND  
CONSTITUENT SUGARS
- BULL JAP SOC SCI FISH  
34(3)214-219, 2 FIGS, 3 TABLES
- 800492 PANDE, B P; CHAUHAN, P P S; ARORA, G S - 1968  
METACERCARIA OF BUCEPHALOPSIS (A PROSORHYNCHINE  
GASTEROSTOME) IN JUVENILES OF A TOAD AND TWO  
CYPRINID FISHES  
CURR SCI  
37(3)79-80, 3 FIGS
- 800493 FRANK, STANISLAV - 1968  
NANNOCHARAX ANSORGEI (?)  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)112-113, 3 FIGS
- 800494 HABERMAN, HENN - 1968  
TWO PERCH FORMS IN LAKE VORTSJARY  
EESTI NSV TEAD AKAD TOIM BIOL SEER  
17(2)207-216, 3 TABLES
- 800495 CALLEGARINI, CARLO; CUCCHI, CARLO - 1968  
INTRASPECIFIC POLYMORPHISM OF HEMOGLOBIN IN  
TINCA TINCA  
BIOCHIM BIOPHYS ACTA  
160(2)264-266, 3 FIGS, 1 TABLE
- 800496 RICHTER, HANS JOACHIM - 1968  
PELMATOCHROMIS AUTOCEPHALUS-DER  
GOLDKOPF-ZWERGICHLIDE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)114-115
- 800497 BECH, REINHOLD - 1968  
SIND DIE KLEINSTE IMMER DIE SCHONSTEN? EINE  
NEUE RIVULUS-ART AUS BRASILIEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)122-123, 1 FIG
- 800498 ZUKAL, RUDA - 1968  
PTEROLEBIAS PERUENSIS MYERS  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)126-127, 7 FIGS
- 800499 DECKERT, K - 1968  
KANN DER FLUGHAHN FLIEGEN?  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)128-129, 4 FIGS
- 800500 VAN DEN NIEUWENHUIZEN, AREND - 1968  
MONOCIRRHUS POLYACANTHUS, DER BLATTFISCH  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(5)148-151, 9 FIGS
- 800501 RICHTER, HANS JOACHIM - 1968  
APISTOGRAMMA AMOENUS (COPE 1872)-EIN SELTENER  
ZWERGICHLIDE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(5)160-161, 1 FIG
- 800502 SMITH, GENE - 1968  
LONGEAR SUNFISH  
FLA WILDLIFE  
22(2)13, 2 FIGS
- 800503 HUTT, ART - 1968  
FLORIDA'S PRIMITIVE SURVIVOR  
FLA WILDLIFE  
22(2)14-18, 6 FIGS
- 800504 LELLIOTT, DAVE - 1968  
SPAWNING SUCCESS WITH PELMATOCHROMIS ANNETENS  
PETFISH MONTHLY  
3(4)147, 1 FIG



- 800505 - 800530
- 800505 ALEXANDER, R MCNEILL - 1968  
HOW FAST IS A FISH?  
PETFISH MONTHLY  
3(4)148-149, 1 FIG
- 800506 ZUKAL, RUDOLF - 1968  
FOR THE KILLIFISH FANCIER APHYOSEMION  
NIGERIANUM  
PETFISH MONTHLY  
3(4)163-166, 8 FIGS
- 800507 HYND, J S - 1968  
HOW SEA SURFACE TEMPERATURE MAPS AID TUNA  
FISHERMEN  
AUST FISH NEWSLETT  
27(5)23-29, 10 FIGS
- 800508 NYGREN, AXEL; EDLUND, PER; HIRSCH, ULF;  
AHSGREN, LARS - 1968  
CYTOLOGICAL STUDIES IN PERCH (PERCA FLUVIATILIS  
L) PIKE- PERCH (LUCIOPERCA LUCIOPERCA L), AND  
RUFF (ACERINA CERNUA L)  
HEREDITAS  
59(2/3)518-524, 20 FIGS
- 800509 VOSS, J; RUWET, J CL - 1968  
CHEZ TILAPIA GUINEENSIS (BLKR 1863) (POISSON  
CICHLIDE), COMBAT, DANSE NUPTIALE ET  
REPRODUCTION  
SCI NATURE (PARIS)  
(86)14-18, 8 FIGS
- 800510 SHELTON, ANDREW L - 1968  
SPECIES DIVERSITY AND LONGITUDINAL SUCCESSION  
IN STREAM FISHES  
ECOLOGY  
49(2)193-198, 1 FIG, 4 TABLES
- 800511 GLASS, NORMAN R - 1968  
THE EFFECT OF TIME OF FOOD DEPRIVATION ON THE  
ROUTINE OXYGEN CONSUMPTION OF LARGEMOUTH BLACK  
BASS (MICROPTERUS SALMOIDES)  
ECOLOGY  
49(2)340-343, 1 FIG, 2 TABLES
- 800512 WILLIS, FINLEY JR - 1968  
EFFECTS OF LAKE DRAWDOWNS ARE STUDIED--HOPE TO  
DETERMINE HOW FISHING WITHIN LAKES MAY BE  
AFFECTED  
KY HAPPY HUNTING GROUND  
24(3)2-4, 3 FIGS
- 800513 BUSS, KEEN - 1968  
ON WARMWATER FISHES, FACTS ABOUT PRODUCTION AND  
STOCKING  
KY HAPPY HUNTING GROUND  
24(3)26-28, 2 FIGS
- 800514 RAHMANN, HINRICH; PETZELT, CHRISTIAN - 1968  
ABGABE VON NICHT-SEROGENEN PROTEINEN AUS DEM  
AUSDIFFERENZIIERTEN ZNS VON TELEOSTEERN AN DIE  
CEREBROSPINALFLUSSIGKEIT (CSF)  
PFLUGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
303(2)181-192, 4 FIGS
- 800515 LICHT, LAWRENCE E - 1968  
UNPALATABILITY AND TOXICITY OF TOAD EGGS  
HERPETOLOGICA  
24(2)93-98
- 800516 CORNELL, J HARRY - 1968  
HOW FISH BREATHE  
WILDLIFE NC  
32(5)20-22, 4 FIGS
- 800517 LOUDER, DARRELL E - 1968  
SUCCESS!  
WILDLIFE NC  
32(5)23-24, 2 FIGS
- 800518 CHERVINSKI, JONATHAN; HEPHER, B; TAGARI, H
- 1968  
STUDIES ON CARP NUTRITION-II, EFFECT OF A  
PROTEIN-RICH DIET ON FISH YIELDS IN FARM PONDS  
BAMDIGE  
20(1)6-15, 1 FIG, 5 TABLES
- 800519 LAVENTER, CH; DAGAN, Y; MIRE, D - 1968  
BIOLOGICAL OBSERVATIONS IN FISH PONDS IN THE  
NA'AMAN REGION, 1964-1965  
BAMDIGE  
20(1)16-30, 2 FIGS, 9 TABLES
- 800520 PATTERSON, COLIN - 1968  
THE CAUDAL SKELETON IN LOWER LIASSIC  
PHOLIDOPHORID FISHES  
BRIT MUS (NATUR HIST) BULL GEOL  
16(5)22-239, 19 FIGS
- 800521 FOLLETT, W I - 1968  
FISH REMAINS FROM TWO SUBMERGED DEPOSITS IN  
TOMALES BAY, MARIN COUNTY, CALIFORNIA  
OCCAS PAP CALIF ACAD SCI  
(67)1-8, 3 FIGS
- 800522 ZUKAL, RUDA - 1968  
RASBORA HETEROMORPHA DUNCKER LAICHT  
AQUA TERRA  
5(3)19-22, 12 FIGS
- 800523 KOGA, SHIGEYUKI - 1968  
A STUDY OF THE FISHING CONDITION OF THE TUNA  
AND MARLIN IN THE TASMAN SEA  
J SHIMONOSEKI UNIV FISH  
16(2/3)51-70, 4 FIGS, 7 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800524 TAWARA, SATORU; SAKURAI, GORO; FUJISHI, AKIO;  
OMURA, KAZUYUKI - 1968  
ECHO-SURVEY OF TUNA FISHING GROUND IN THE  
WESTERN PACIFIC OCEAN-I, ANALYSIS OF  
ECHO-SOUNDER RECORDS OF THE D S L, S L AND TUNA  
TRACES  
J SHIMONOSEKI UNIV FISH  
16(2/3)71-80, 6 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800525 UEDA, TADASHI; NAGAOK, TETSUO - 1968  
STUDY ON THE DIET OF YELLOW-TAIL  
CULTIVATION-I, FATTY ACID COMPOSITION AND THE  
PROPERTIES OF LIPID EXTRACTED FROM COLD-STORED  
SAND-EEL  
J SHIMONOSEKI UNIV FISH  
16(2/3)101-108, 4 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800526 WALKER, BRAZ - 1968  
THE FISH WITH THE FOLDED MOUTH  
AQUARIUM  
1(10)4-5, 36-43, 18 FIGS
- 800527 SYMMES, ED - 1968  
THINK PINK, CONGO THAT IS  
AQUARIUM  
1(10)6-7, 44-49, 10 FIGS
- 800528 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART  
5  
AQUARIUM  
1(10)32-33 + 50-58 + 60-62, 7 FIGS
- 800529 GOLDSTEIN, ROBERT J - 1968  
THE NEW REDBELLED NOTHOBRANCHIUS  
AQUARIUM  
1(9)6-7, 42-45, 3 FIGS
- 800530 HARRISON, RICHARD C - 1968  
TILAPIA MOSSAMBICA  
AQUARIUM  
1(9)8-9 + 38-41, 7 FIGS

- 800531 KLEE, ALBERT J - 1968  
**A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 8**  
AQUARIUM  
1(9)34-35,50-55, 6 FIGS
- 800532 KLEE, ALBERT J - 1968  
**A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 9**  
AQUARIUM  
1(10)36-37,52-57, 7 FIGS
- 800533 CURRIER, JERRY; SMITH, MARTY - 1968  
**THE BLACK NEON**  
TROPICAL FISH HOBBYIST  
16(12)4-7 + 81, 3 FIGS
- 800534 AXELROD, HERBERT R - 1968  
**CARE AND BREEDING OF THE CROAKING GOURAMI, TRICHOPSIS VITTATUS**  
TROPICAL FISH HOBBYIST  
16(12)8-13, 7 FIGS
- 800535 NORTON, JOANNE - 1968  
**FANCY BLACK SWORDTAILS**  
TROPICAL FISH HOBBYIST  
16(11)4-7, 4 FIGS
- 800536 LINDNER, HEINZ - 1968  
**ANOTHER VIEWPOINT ON BREEDING DISCUS**  
TROPICAL FISH HOBBYIST  
16(11)8-11 + 84 + 86, 2 FIGS
- 800537 RICHTER, HANS JOACHIM - 1968  
**OBSERVATIONS OF APISTOGRAMMA TRIFASCIATUM TRIFASCIATUM**  
TROPICAL FISH HOBBYIST  
16(10)12-14 + 17, 4 FIGS
- 800538 RODMAN, DUANE T - 1968  
**SOUND PRODUCTION BY THE AFRICAN CICHLID TILAPIA MOSSAMBICA**  
TROPICAL FISH HOBBYIST  
16(10)25-26, 3 FIGS
- 800539 AXELROD, HERBERT R - 1968  
**NOTHOBRANCHIUS RACHOVI**  
TROPICAL FISH HOBBYIST  
16(10)91-94 + 98, 8 FIGS
- 800540 BENNINGER, HUGO - 1968  
**MY EXPERIENCES WITH CARDINAL TETRAS**  
TROPICAL FISH HOBBYIST  
16(9)4-7 + 25 + 27, 5 FIGS
- 800541 ZUKAL, RUDOLF - 1968  
**NANNOSTOMUS MARGINATUS, THE DWARF PENCILFISH**  
TROPICAL FISH HOBBYIST  
16(9)14-19, 13 FIGS
- 800542 SIMPSON, M J A - 1968  
**THE DISPLAY OF THE SIAMESE FIGHTING FISH, BETTA SPLENENS**  
ANIM BEHAV MONOGR  
1(1)1-73, 20 FIGS, 17 TABLES
- 800543 VADZIS, D I; KACHALOVA, O; SLOKA, J - 1968  
**PECULIARITIES OF FISH FEEDING AS RELATED TO FOOD SUPPLY AND PROSPECTS OF PISCICULTURE IN LAKE RUSONU**  
LATV PADOMJU SOC REPUB ZINAT AKAD VESTIS  
4(24)968-80, 1 FIG, 7 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800544 JARA, ZBIGNIEW - 1968  
**POLISH GENERAL PARASITOLOGY DURING THE PERIOD OF 1964-1967**  
MONOGR PARAZYTOL  
(6)57-90
- 800545 BARLOW, GEORGE W - 1968  
**DITHER, A WAY TO REDUCE UNDESIRABLE FRIGHT BEHAVIOR IN ETHOLOGICAL STUDIES**  
Z TIERPSYCHOL  
25(3)315-318
- 800546 KUENZER, PETER - 1968  
**DIE AUSLOSUNG DER NACHFOLGEREAKTION BEI ERFAHRUNGSLOSEN JUNGFISCHEN VON NANNACARA ANOMALA (CICHLIDAE)**  
Z TIERPSYCHOL  
25(3)257-314, 35 FIGS, 4 TABLES
- 800547 KOPKE, HANSJURGEN - 1968  
**DAS MANNEQUIN DIE WANDLUNGSFAHIGKEIT EINES AFRIKANISCHEN BUNTBARSCHE**  
AQUARIEN MAG  
(7)267-269, 3 FIGS
- 800548 WEISS, WALTRAUD - 1968  
**AUS DEM PRIVATLEBEN DES ROTEN KARDINAL FISCHES**  
AQUARIEN MAG  
(7)270-273, 6 FIGS
- 800549 ZUKAL, RUDA - 1968  
**EIN SCHEUES LIEBESPAAR, SO ZUCHTET RIVULUS HOLMIAE**  
AQUARIEN MAG  
(7)292-294, 7 FIGS
- 800550 FRANK, STANISLAV - 1968  
**DER AUGENLOSE, DER BLINDE HOHLENSALMLER KOMMT NICHT BLIND ZUR WELT**  
AQUARIEN MAG  
(7)299-301, 7 FIGS
- 800551 DOGS, CHRISTA - 1968  
**AUCH GUPPYS KONNEN SCHILDER LESEN, DRESSURVERSUCHE MIT POECILIA RETICULATA (LEBISTES RETICULATUS)**  
AQUARIEN MAG  
(7)302-303, 3 FIGS
- 800552 LOWENSTEIN, O; OSBORNE, M P; THORNHILL, R A - 1968  
**THE ANATOMY AND ULTRASTRUCTURE OF THE LABYRINTH OF THE LAMPREY (LAMPETRA FLUVIATILIS L)**  
PROC ROY SOC SER B BIOL SCI  
170(1019)113-134, 44 FIGS
- 800553 VAN DEN SANDE, A P - 1968  
**ETRANGES FORMES DE SYMBIOSE**  
ZOO  
33(3/4)154-156, 4 FIGS
- 800554 RASTOGI, RAKESH K - 1968  
**OBSERVATIONS ON THE SPERMATOPHYTES OF THE FRESHWATER SPINY EEL, MACROGNATHUS ACULEATUS (BLOCH), DURING THE REPRODUCTIVE CYCLE**  
ACTA BIOL ACAD SCI HUNG  
19(2)239-253, 18 FIGS, 1 TABLE
- 800555 ANONYMOUS - 1968  
**REPORT, OCEANOGRAPHICAL INVESTIGATION, (JAN 1949-DEC 1950 COLLECTED)**  
REP OCEANOGR INVEST, FISH AGENCY (TOKYO)  
(73/74)S + 1-S + 60, 3 TABLES
- 800556 EMERY, ALAN R - 1968  
**PRELIMINARY OBSERVATIONS ON CORAL REEF PLANKTON**  
LIMNOL OCEANOGR  
13(2)293-303, 6 FIGS
- 800557 MCCONNELL, WILLIAM J - 1968  
**LIMNOLOGICAL EFFECTS OF ORGANIC EXTRACTS OF LITTER IN A SOUTHWESTERN IMPOUNDMENT**  
LIMNOL OCEANOGR  
13(2)343-349, 1 FIG, 4 TABLES
- 800558 WELLS, J M; WARINNER, J E - 1968  
**A RECORDING VOLUMETRIC RESPIROMETER FOR AQUATIC**

- ANIMALS**  
LIMNOL OCEANOGR  
13(2)376-378, 2 FIGS
- 1968  
**WATER AND ION MOVEMENT ACROSS THE GAS BLADDER OF TWO PHYSOSTOMOUS FRESH-WATER TELEOSTS**  
COMP BIOCHEM PHYSIOL  
25(3)937-942, 2 TABLES
- 800559 WILLIAMS, GEORGE C - 1968  
**BATHYMETRIC DISTRIBUTION OF PLANKTONIC FISH EGGS IN LONG ISLAND SOUND**  
LIMNOL OCEANOGR  
13(2)382-385, 1 FIG, 1 TABLE
- 800572 THORNBUR, E J; OLIVER, I T; SCUTT, P B - 1968  
**COMPARATIVE ELECTROPHORETIC PATTERNS OF DEHYDROGENASES IN DIFFERENT SPECIES**  
COMP BIOCHEM PHYSIOL  
25(3)973-987, 1 FIG, 6 TABLES
- 800560 MCLEAN, FRANKLIN C; URIST, MARSHALL R - 1968  
**BONE, FUNDAMENTALS OF THE PHYSIOLOGY OF SKELETAL TISSUE**  
THE UNIVERSITY OF CHICAGO PRESS, CHICAGO AND LONDON  
3RD ED XXI + 314
- 800573 TERNER, CHARLES - 1968  
**STUDIES OF METABOLISM IN EMBRYONIC DEVELOPMENT-III, GLYCOGENOLYSIS AND GLUCONEOGENESIS IN TROUT EMBRYOS**  
COMP BIOCHEM PHYSIOL  
25(3)989-1003, 7 TABLES
- 800561 HOCHACHKA, P W - 1968  
**ACTION OF TEMPERATURE ON BRANCH POINTS IN GLUCOSE AND ACETATE METABOLISM**  
COMP BIOCHEM PHYSIOL  
25(1)107-118, 3 FIGS, 3 TABLES
- 800574 BROWN, ELISE ANN BRANDENBURGER; TRAMS, EBERHARD G - 1968  
**CATECHOLAMINE METABOLISM IN ELASMOBRANCH INTERRENAL BODY**  
COMP BIOCHEM PHYSIOL  
25(3)1099-1105, 1 FIG, 3 TABLES
- 800562 MOUNIB, M S; EISAN, J S - 1968  
**BIOSYNTHESIS OF LIPIDS BY SALMON SPERM FROM PYRUVATE, ACETATE AND GLYOXYLATE**  
COMP BIOCHEM PHYSIOL  
25(1)193-200, 3 TABLES
- 800575 MCMULLIN, GARY F; SMITH, SAMUEL C; WRIGHT, PAUL A - 1968  
**TISSUE FATTY ACID COMPOSITION IN FOUR DIVERSE VERTEBRATE SPECIES**  
COMP BIOCHEM PHYSIOL  
26(1)211-221, 4 TABLES
- 800563 DOYLE, J - 1968  
**AGEING CHANGES IN CARTILAGE FROM SQUALUS ACANTHIAS L**  
COMP BIOCHEM PHYSIOL  
25(1)201-206, 1 FIG, 1 TABLE
- 800576 SOMERO, GEORGE N; GIESE, ARTHUR C; WOHLISCHLAG, DONALD E - 1968  
**COLD ADAPTATION OF THE ANTARCTIC FISH TREMATOMUS BERNACCHII**  
COMP BIOCHEM PHYSIOL  
26(1)223-233, 3 FIGS, 3 TABLES
- 800564 ECKSTEIN, BENJAMIN; EYLATH, URI - 1968  
**STEROIDOGENESIS IN TESTICULAR TISSUE OF A TELEOST MUGIL CEPHALUS**  
COMP BIOCHEM PHYSIOL  
25(1)207-212, 1 FIG, 2 TABLES
- 800577 MACKAY, W C; BEATTY, D D - 1968  
**THE EFFECT OF TEMPERATURE ON RENAL FUNCTION IN THE WHITE SUCKER FISH, CATOSTOMUS COMMERSONI**  
COMP BIOCHEM PHYSIOL  
26(1)235-245, 6 FIGS
- 800565 BUHLER, DONALD R; RASMUSSEN, MARY E - 1968  
**THE OXIDATION OF DRUGS BY FISHES**  
COMP BIOL PHYSIOL  
25(1)223-239, 8 FIGS, 7 TABLES
- 800578 WEDEMEYER, GARY - 1968  
**UPTAKE AND DISTRIBUTION OF ZN65 IN THE COHO SALMON EGG (ONCORHYNCHUS KISUTCH)**  
COMP BIOCHEM PHYSIOL  
26(1)271-279, 8 FIGS, 4 TABLES
- 800566 MASSEY, B D; SMITH, C L - 1968  
**THE ACTION OF THYROXINE ON MITOCHONDRIAL RESPIRATION AND PHOSPHORYLATION IN THE TROUT (SALMO TRUTTA FARIO L)**  
COMP BIOCHEM PHYSIOL  
25(1)241-255, 1 FIG, 4 TABLES
- 800579 GERMAIN, PAUL; GAGNON, ANDRE - 1968  
**A SIMPLE AND RELIABLE METHOD FOR OBTAINING LARGE BLOOD SAMPLES FROM THE ANAESTHETIZED HAGFISH**  
COMP BIOCHEM PHYSIOL  
26(1)371-375, 1 TABLE
- 800567 WILSON, ALLAN C; ARNHEIM, NORMAN - 1968  
**A SMALL MOLECULE IN HAGFISH TISSUES POSSIBLY RELATED TO THE CARDIAC AGENT EPTATRETIN**  
COMP BIOCHEM PHYSIOL  
25(1)359-362, 2 FIGS
- 800580 SMITH, DAVID G - 1968  
**THE OCCURRENCE OF LARVAE OF THE AMERICAN EEL, ANGUILLA ROSTRATA, IN THE STRAITS OF FLORIDA AND NEARBY AREAS**  
BULL. MAR SCI  
18(2)280-293, 3 FIGS, 3 TABLES
- 800568 BELLAMY, D - 1968  
**METABOLISM OF THE RED PIRANHA (ROOSEVELTIELLA MATTERERI) IN RELATION TO FEEDING BEHAVIOUR**  
COMP BIOCHEM PHYSIOL  
25(1)343-347, 1 FIG, 1 TABLE
- 800581 FEDDERN, HENRY A - 1968  
**HYBRIDIZATION BETWEEN THE WESTERN ATLANTIC ANGELFISHES, HOLACANTHUS ISABELITA AND H CILIARIS**  
BULL. MAR SCI  
18(2)351-382, 15 FIGS, 6 TABLES
- 800569 SMITH, C L - 1968  
**THE ACTION OF EDTA ON THE SUCCINOXIDASE SYSTEMS OF LIVER MITOCHONDRIA FROM LOWER VERTEBRATES**  
COMP BIOCHEM PHYSIOL  
25(3)805-820, 7 TABLES
- 800582 OVERSTREET, ROBIN M - 1968  
**PARASITES OF THE INSHORE LIZARDFISH, SYNODUS FOETENS, FROM SOUTH FLORIDA, INCLUDING A DESCRIPTION OF A NEW GENUS OF CESTODA**  
BULL. MAR SCI  
18(2)444-470, 6 FIGS, 9 TABLES
- 800570 REAVES, ROBERT S; HOUSTON, A H; MADDEN, JANE A - 1968  
**ENVIRONMENTAL TEMPERATURE AND THE BODY FLUID SYSTEM OF THE FRESH WATER TELEOST-II. IONIC REGULATION IN RAINBOW TROUT, SALMO GAIARDNERI, FOLLOWING ABRUPT THERMAL SHOCK**  
COMP BIOCHEM PHYSIOL  
25(3)849-860, 4 FIGS
- 800583 BOHLKE, JAMES E; ROBINS, C RICHARD - 1968  
**THE EEL, NETTODARUS BREVIROSTRIS, IN THE WESTERN ATLANTIC**
- 800571 GRAHAM, CHARLES R JR; EDELHAUSER, HENRY F



- BULL MAR SCI  
18(2)477-480
- 800584 KRITSKY, D C; MIZELLE, JOHN D - 1968  
STUDIES ON MONOGENETIC TREMATODES, XXXV, SOME  
NEW AND PREVIOUSLY DESCRIBED NORTH AMERICAN  
SPECIES OF GYRODACTYLUS  
AMER MIDLAND NATUR  
79(1)205-215, 5 FIGS
- 800585 VOTH, DAVID R; LARSON, OMER R - 1968  
METAZOAN PARASITES OF SOME FISHES FROM GOOSE  
RIVER, NORTH DAKOTA  
AMER MIDLAND NATUR  
79(1)216-224
- 800586 MELVILLE, R V; CHINA, W E - 1968  
OPINION 846, MULLUS AURIFLAMMA FORSSKAL, 1775  
(PISCES) SUPPRESSED UNDER THE PLENARY POWERS  
BULL ZOOLOG NOMENCL  
25(1)14-15
- 800587 NIELSEN, JORGEN G; KLAUSEWITZ, WOLFGANG - 1968  
SIGANUS FORSSKAL, 1775 (PISCES, SIGANIDAE)  
PROPOSED VALIDATION UNDER THE PLENARY POWERS Z  
N (S) 1721  
BULL ZOOLOG NOMENCL  
25(1)26-28
- 800588 GERY, JACQUES - 1968  
COMMENTAIRES SUR HETEROTIS EHRENBERG, 1829, ET  
CLUPISUDIS SWAINSON, 1839, Z N (S) 1807  
BULL ZOOLOG NOMENCL  
25(1)64
- 800589 ROGERS, WILMER A - 1968  
EIGHT NEW SPECIES OF GYRODACTYLUS (MONOGENEA)  
FROM THE SOUTHEASTERN U S WITH REDESCRIPTIONS  
OF G FAIRPORTI VAN CLEAVE 1921 AND G CYPRINI  
DIAROVA 1964  
J PARASITOL  
54(3)490-495, 10 FIGS
- 800590 MCCAULEY, JAMES E - 1968  
SIX SPECIES OF LEPIDAPEDON STAFFORD 1904  
(TREMATODA LEPIDAPEDIIDAE) FROM DEEP-SEA FISHES  
J PARASITOL  
54(3)496-505, 18 FIGS, 1 TABLE
- 800591 TAUB, STEPHEN H - 1968  
OCCURRENCE OF EUSTRONGYLIDES SP IN THE WHITE  
PERCH ROCCUS AMERICANUS  
J PARASITOL  
54(3)516
- 800592 KENNEDY, C R - 1968  
POPULATION BIOLOGY OF THE CESTODE  
CARYOPHYLLAEUS LATICEPS (PALLAS 1781) IN DACE  
LEUCISCUS LEUCISCUS L OF THE RIVER AVON  
J PARASITOL  
54(3)538-543, 3 FIGS, 3 TABLES
- 800593 MADHAVI, R - 1968  
A DIDYMOZOID METACERCARIA FROM THE COPEPOD  
PARACALANUS ACULEATUS GIESBRECHT FROM BAY OF  
BENGAL  
J PARASITOL  
54(3)629, 1 FIG
- 800594 STEIN, PAUL C - 1968  
NEW INTERMEDIATE FISH HOSTS FOR THE HETEROPHYID  
TREMATODES ASCOCOTYLE PACHYCYSTIS ASCOCOTYLE  
AMPULLACEA AND PHAGICOLA MACROSTOMUS  
J PARASITOL  
54(3)631
- 800595 NIEUWENHUIZEN, AREND VAN DEN - 1968  
DER SMARAGD-PANZERWEIS (BROCHIS COERULEUS COPE,  
1872)  
AQUA TERRA  
5(7)52-54, 1 FIG
- 800596 MCKEE, RUSSELL - 1968  
DEFEAT OF THE KILLER EEL  
AUDUBON MAG  
70(4)40-47, 8 FIGS
- 800597 NICKOL, BRENT B; HOLLOWAY, HARRY L JR - 1968  
MORPHOLOGY OF THE PRESOMA OF CORYNOSOMA  
HAMANNI  
(ACANTHOCEPHALA, POLYMORPHIDAE)  
J MORPHOL  
124(2)217-225, 9 FIGS
- 800598 BROCK, VERNON E; CHAMBERLAIN, THEODORE C - 1968  
A GEOLOGICAL AND ECOLOGICAL RECONNAISSANCE OFF  
WESTERN OAHU, HAWAII, PRINCIPALLY BY MEANS OF  
THE RESEARCH SUBMARINE ASHERAH  
PAC SCI  
22(3)373-394, 10 FIGS, 2 TABLES
- 800599 ANONYMOUS - 1968  
NEW MARINE PARKS  
AFRICANA  
3(6)11-13, 3 FIGS
- 800600 BERKA, ROLAND - 1968  
FOSSILIEN AUS DEM SOLNHOFENER SCHIEFER  
KOSMOS (STUTTGART)  
64(5)197-199, 2 FIGS
- 800601 OHNO, SUSUMU; WOLF, ULRICH; ATKIN, NIELS B  
1968  
EVOLUTION FROM FISH TO MAMMALS BY GENE  
DUPLICATION  
HEREDITAS  
59(1)169-187, 12 FIGS
- 800602 GOODY, PETER C - 1968  
THE SKULL OF ENCHODUS FAUJASI FROM THE  
MAASTRICHT OF SOUTHERN HOLLAND, I AND II  
KON NED AKAD WETENSCH PROC SER B PHYS SCI  
71(3)209-231, 9 FIGS
- 800603 WEISBART, MELVIN - 1968  
OSMOTIC AND IONIC REGULATION IN EMBRYOS,  
ALEVINS, AND FRY OF THE FIVE SPECIES OF PACIFIC  
SALMON  
CAN J ZOOLOG  
46(3)385-397, 9 FIGS, 3 TABLES
- 800604 HICKMAN, CLEVELAND P JR - 1968  
GLOMERULAR FILTRATION AND URINE FLOW IN THE  
EURYHALINE SOUTHERN FLOUNDER, PARALICHTHYS  
LETHOSTIGMA, IN SEAWATER  
CAN J ZOOLOG  
46(3)427-437, 5 FIGS, 1 TABLE
- 800605 HICKMAN, CLEVELAND P JR - 1968  
URINE COMPOSITION AND KIDNEY TUBULAR FUNCTION  
IN SOUTHERN FLOUNDER, PARALICHTHYS LETHOSTIGMA,  
IN SEAWATER  
CAN J ZOOLOG  
46(3)439-455, 4 FIGS, 2 TABLES
- 800606 HICKMAN, CLEVELAND P JR - 1968  
INGESTION, INTESTINAL ABSORPTION, AND  
ELIMINATION OF SEAWATER AND SALTS IN THE  
SOUTHERN FLOUNDER, PARALICHTHYS LETHOSTIGMA  
CAN J ZOOLOG  
46(3)457-466, 1 FIG, 5 TABLES
- 800607 FISCHER, HARTWIG - 1968  
THE LIFE CYCLE OF PROTEOCEPHALUS FLUVIATILIS  
BANGHAM (CESTODA) FROM SMALLMOUTH BASS  
MICROPTERUS DOLOMIEUI LACEPEDE  
CAN J ZOOLOG  
46(3)569-579, 12 FIGS, 7 TABLES
- 800608 KOBAYASHI, H; ALI, M A - 1968  
ELECTRORETINOGRAM OF THE SUNFISH (LEPOMIS  
GIBBOSUS L)  
CAN J ZOOLOG  
46(3)605-607, 2 FIGS

800609 - 800635	<p><b>800609</b> ABBOTT, FRANK S; SCHWARTZ, FRANK J - 1968 OBSERVATIONS ON AIR SHIPMENTS AND EXPERIMENTAL USE OF THE CYPRINODONT FISH FUNDULUS HETEROCLITUS CAN J ZOOL 46(3)611-613, 1 TABLE</p> <p><b>800610</b> WIEBE, JOHN P - 1968 A TECHNIQUE FOR GONADECTOMY IN THE SEAPERCH CYMATOGASTER AGGREGATA CAN J ZOOL 46(3)613-614, 1 FIG</p> <p><b>800611</b> GUNDERSON, DONALD R - 1968 FLOODPLAIN USE RELATED TO STREAM MORPHOLOGY AND FISH POPULATIONS J WILDLIFE MANAGE 32(3)507-514, 3 FIGS, 5 TABLES</p> <p><b>800612</b> PROWSE, G A - 1968 POLLUTION IN MALAYAN WATERS MALAYAN NATURE J 21(3)149-158</p> <p><b>800613</b> GAUBERT, HENRI - 1968 LES GIRELLES BETES ET NATURE (54)38-39, 2 FIGS</p> <p><b>800614</b> RAO, B V SESHAGIRI - 1968 SYSTEMATIC STUDIES ON ANABAS TESTUDINEUS (BL 1792) AND A. OLIGOLEPIS BLKR 1855 PROC INDIAN ACAD SCI SECT B 67(5)207-214, 1 TABLE, 1 FIG</p> <p><b>800615</b> KEWALRAMANI, H G; GOGATE, M. G - 1968 ANESTHETISATION IN FISH--TILAPIA AND MAJOR CARPS PROC INDIAN ACAD SCI SECT B 67(5)237-246, 2 TABLES</p> <p><b>800616</b> GREENWOOD, P H - 1968 THE OSTEOLOGY AND RELATIONSHIPS OF THE DENTICIPITIDAE A FAMILY OF CLUPEOMORPH FISHES BRIT MUS (NATUR HIST) BULL ZOOL 16(6)215-273, 34 FIGS</p> <p><b>800617</b> JOHANSEN, KJELL; LENFANT, CLAUDE; HANSON, DAVID 1968 CARDIOVASCULAR DYNAMICS IN THE LUNGFISHES Z VERGL PHYSIOL 59(2)157-186, 23 FIGS, 1 TABLE</p> <p><b>800618</b> POTTS, D C; MORRIS, R W - 1968 SOME BODY FLUID CHARACTERISTICS OF THE ANTARCTIC FISH, TREMATOMUS BERNACCHII MAR BIOL (BERLIN) 1(4)269-276, 6 FIGS, 5 TABLES</p> <p><b>800619</b> YAMASHITA, H - 1968 ELECTROPHORETIC PATTERNS OF SERUM PROTEINS IN THE BLOOD OF FOUR SPECIES OF PUFF-FISH, GENUS FUGU, AND THEIR F1 HYBRIDS MAR BIOL (BERLIN) 1(4)277-281, 3 FIGS, 1 TABLE</p> <p><b>800620</b> PORTMANN, JOHN E; CONNOR, P M - 1968 THE TOXICITY OF SEVERAL OIL-SPILL REMOVERS TO SOME SPECIES OF FISH AND SHELLFISH MAR BIOL (BERLIN) 1(4)322-329, 5 FIGS, 4 TABLES</p> <p><b>800621</b> BOUVET, JEAN - 1968 HISTOGENESE PRECOCE ET MORPHOGENESE DU SQUELETTE CARTILAGINEUX DES CEINTURES PRIMAIRES ET DES NAGEOIRES PAIRES CHEZ LA TRUITE (SALMO TRUTTA FARIO L) ARCH ANAT MICROSC MORPHOL EXP 57(1)35-51, 8 FIGS, 1 TABLE</p>	<p><b>800622</b> LINSS, W - 1968</p> <p><b>800623</b> DAWSON, C E - 1968 AN ADVENTITIOUS DORSAL FIN-RAY IN MICROGOBIUS GULOSUS (PISCES GOBIIDAE) ANAT ANZ 122(5)498-501, 2 FIGS</p> <p><b>800624</b> HARTMAN, J E - 1968 THAT LOVABLE LITTLE SEA MONSTER NAT WILDLIFE 6(5)20-21, 1 FIG</p> <p><b>800625</b> KIRKPATRICK, DICK - 1968 THE COMING SALMON BOOM NAT WILDLIFE 6(5)42-45, 7 FIGS</p> <p><b>800626</b> ELLISON, N F; CHUBB, J C - 1968 THE SMELT OF ROSTHERNE MERE, CHESHIRE PUB LANCS CHES FAUNA SOC (53)7-16, 4 FIGS</p> <p><b>800627</b> ELLISON, N F; MCMILLAN, N F - 1968 THE FAUNA OF THE MARINE LAKE AT WEST KIRBY, CHESHIRE PUB LANCS CHES FAUNA SOC (53)19-23</p> <p><b>800628</b> WUNDER, WILHELM - 1968 RONTGENSTUDIEN UBER DEN FEINBAU DER WIRBEL VERSCHIEDENER KNOCHENFISCHARTEN VERH DEUT ZOOL GES 31:224-245, 21 FIGS</p> <p><b>800629</b> REINBOTH, RUDOLF - 1968 ZUM PROBLEM DER AMPHISEXUELLEN FISCHE VERH DEUT ZOOL GES 31:316-325, 8 FIGS</p> <p><b>800630</b> SCHALLER, FRIEDRICH - 1968 DIE LAUTERZEUGUNG DES JARAQUI, PROCHILODUS INSIGNIS SCHOMBURGK 1841 (PISCES, CHARACOIDEI, ANOSTOMIDAE) VERH DEUT ZOOL GES 31:365-370, 7 FIGS</p> <p><b>800631</b> DORN, EMMI - 1968 SCHWIMMBLASENBLAU UND LEBENSWEISE DER OSTEOGLOSSIDEN VERH DEUT ZOOL GES 31:370-380, 12 FIGS, 1 TABLE</p> <p><b>800632</b> MAGNUS, DIETRICH B E - 1968 DER DEUTUNG DER IGELSTELLUNG BEIM JUNGFISCH-SCHWARM DES KORALLENWELSES, PLOTOSUS ANGUILLARIS (BLOCH) (PISCES, NEMATOGNATHI, PLOTOSIDAE), IM BIOTOP VERH DEUT ZOOL GES 31:402-409, 5 FIGS</p> <p><b>800633</b> SCHRODER, JOHANNES HORST - 1968 STRAHLENINDUZIERTE MUTATIONEN BEIM GUPPY, LEBISTES RETICULATUS PETERS VERH DEUT ZOOL GES 31:461-479, 5 FIGS, 4 TABLES</p> <p><b>800634</b> BERGERHOFF, K; HANKE, W - 1968 DIE REGULATION DES KOHLENHYDRATSTOFFWECHSELS DURCH NEBENNIERENRINDEN-HORMONE BEI ANUREN UND FISCHEN VERH DEUT ZOOL GES 31:530-541, 7 FIGS</p> <p><b>800635</b> FIEDLER, KURT - 1968 VERHALTENSWIRKSAME STRUKTUREN IM FISCHGEHIRN VERH DEUT ZOOL GES</p>
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- 31:602-616, 5 FIGS, 2 TABLES
- 800636** SCHIPP, R; SCHAFER, A - 1968  
BEZIEHUNGEN ZWISCHEN ULTRASTRUKTUR UND FUNKTION  
DES BRUTBEUTELEPITHELS VON HIPPOCAMPUS KUDA  
VERH DEUT ZOOL GES  
31:707-717, 7 FIGS
- 800637** HARDER, WILHELM - 1968  
ZUM AUFBAU DER EPIDERMALEN SINNESORGANE DER  
MORMYRIDAE (MORMYRIFORMES, TELEOSTEI)  
Z ZELLFORSCH  
89(2):212-224, 6 FIGS, 1 TABLE
- 800638** SUSLOWSKA, WIESLAWA - 1968  
THE MORPHOLOGY OF OSSEOUS REMNANTS OF  
CYPRINIDAE FISHES EXCAVATED IN THE MAIN GDANSK  
STAND  
ZOOL POL  
18(2):171-207, 37 FIGS, 4 TABLES
- 800639** SLOMIANKO, MARIA - 1968  
TYROSINE AND DOPA REACTIONS IN VITRO WITH THE  
TISSUES OF THE CAUDAL FIN AND AMELANOTIC  
MELANOMA OF THE ALBINO SWORDTAILS (XIPHOPHORUS  
HELLERI HECKEL)  
ZOOL POL  
18(2):211-218, 5 FIGS
- 800640** BYCZKOWSKA-SMYK, WANDA - 1968  
OBSERVATION OF THE ULTRASTRUCTURE OF THE  
HEPATIC CELLS OF THE BURBOT (LOTA LOTA L)  
ZOOL POL  
18(2):287-295, 3 FIGS
- 800641** FOSS, GUNVOR - 1968  
BEHAVIOUR OF MYXINE GLUTINOSA L IN NATURAL  
HABITAT. INVESTIGATION OF THE MUD BIOTOPE BY A  
SUCTION TECHNIQUE  
SARSIA  
(31):1-13, 2 FIGS
- 800642** HARDER, WILHELM - 1968  
DIE BEZIEHUNGEN ZWISCHEN ELEKTROREZEPTOREN  
ELEKTRISCHES ORGAN, SEITENLINIENORGANEN UND  
NERVENSYSTEM BEI DEN MORMYRIDAE (TELEOSTEI,  
PISCES)  
Z VERGL PHYSIOL  
59(3):272-318, 21 FIGS, 7 TABLES
- 800643** CORNELL, J HARRY - 1968  
WHERE FISH FEED  
WILDLIFE NC  
32(7):8-10, 3 FIGS
- 800644** GRABDA, EUGENIUSZ; WALUGA, DANUTA - 1968  
CONTRIBUTION A LA PATHOLOGIE DE L'ESTURGEON  
OCCIDENTAL- ACIPENSER STURIO L  
ACTA HYDROBIOL  
10(1/2):131-135, 4 FIGS  
IN POLISH WITH FRENCH SUMMARY
- 800645** PENCZAK, TADEUSZ - 1968  
THE DACE, LEUCISCUS LEUCISCUS (L) FROM THE LODZ  
UPLAND AND ADJACENT AREAS, PART 2, MATERIALS TO  
THE KNOWLEDGE OF THE MORPHOLOGY OF DACE  
ACTA HYDROBIOL  
10(1/2):137-153, 11 TABLES  
IN POLISH WITH ENGLISH SUMMARY
- 800646** WOJCIK-MIGALA, IRENA - 1968  
THE INFLUENCE OF TWO AND THREE YEAR OLD CARP  
UPON THE BENTHOS OF PONDS  
ACTA HYDROBIOL  
10(1/2):179-203, 8 FIGS, 6 TABLES  
IN POLISH WITH ENGLISH SUMMARY
- 800647** FLIS, JOZEF - 1968  
ANATOMICOHISTOPATHOLOGICAL CHANGES INDUCED IN  
CARP (CYPRINUS CARPIO L) BY AMMONIA WATER, PART  
I, EFFECTS OF TOXIC CONCENTRATIONS  
ACTA HYDROBIOL  
10(1/2):205-224, 14 FIGS, 3 TABLES
- 800648** FLIS, JOZEF - 1968  
ANATOMICOHISTOPATHOLOGICAL CHANGES INDUCED IN  
CARP (CYPRINUS CARPIO L) BY AMMONIA WATER, PART  
II, EFFECTS OF SUBTOXIC CONCENTRATIONS  
ACTA HYDROBIOL  
10(1/2):225-238, 10 FIGS
- 800649** SKORA, STANISLAW - 1968  
AUSWIRKUNG DER RUCKKREUZUNG ZWISCHEN  
MISCHLINGEN VON KARPFFEN (CYPRINUS CARPIO L) UND  
KARASCHEN (CARASSIUS CARASSIUS L) AUF WACHSTUM  
UND VARIABILITAT DER  
NACHKOMMENSCHAFTS-POPULATIONEN  
ACTA HYDROBIOL  
10(1/2):239-257, 4 FIGS, 7 TABLES
- 800650** MCDUGAL, K B JR; HOLOWACH, J; HOWE, M C;  
JONES, E M; THOMAS, C A - 1968  
THE EFFECTS OF ANOXIA UPON ENERGY SOURCES AND  
SELECTED METABOLIC INTERMEDIATES IN THE BRAINS  
OF FISH, FROG AND TURTLE  
J NEUROCHEM  
15(7):577-588, 10 FIGS, 1 TABLE
- 800651** COWAN, C MICHAEL - 1968  
THE HEMOGLOBIN OF THE BULL SHARK, CARCHARHINUS  
LEUCAS  
PROC NEBR ACAD SCI  
78:3
- 800652** WALLACE, CHARLES R - 1968  
SOUND PRODUCTION BY THE BLACK BULLHEAD,  
ICTALURUS MELAS  
PROC NEBR ACAD SCI  
78:8
- 800653** FISCHTHAL, JACOB H; THOMAS, J D - 1968  
DIGENETIC TREMATODES OF SOME FRESHWATER AND  
MARINE FISHES FROM GHANA  
PROC HELMINTHOL SOC WASH  
35(2):126-140, 16 FIGS
- 800654** DURIO, WALTER O; MANTER, HAROLD W - 1968  
SOME DIGENETIC TREMATODES OF MARINE FISHES OF  
NEW CALEDONIA, PART I, BUCEPHALIDAE,  
MONORCHIIDAE, AND SOME SMALLER FAMILIES  
PROC HELMINTHOL SOC WASH  
35(2):143-153, 16 FIGS
- 800655** MACKIEWICZ, JOHN S - 1968  
ISOGLARIDACRIS HEXACOTYLE COMB N (CESTOIDEA,  
CARYOPHYLLIDAE) FROM CATOSTOMID FISHES IN  
SOUTHWESTERN NORTH AMERICA  
PROC HELMINTHOL SOC WASH  
35(2):193-196, 8 FIGS
- 800656** PAPERNA, ILAN - 1968  
ONCHOBDELLA N GEN NEW GENUS OF MONOGENETIC  
TREMATODES (DACTYLOGYRIDAE, BYCHOWSKI 1933)  
FROM CICHLID FISH FROM WEST AFRICA  
PROC HELMINTHOL SOC WASH  
35(2):200-206, 4 FIGS, 1 TABLE
- 800657** LUMSDEN, RICHARD D - 1968  
ULTRASTRUCTURE OF THE METACERCARIAL CYST OF  
ASCOCOTYLE CHANDLERI LUMSDEN, 1963 (TREMATODA,  
HETEROPHYIDAE)  
PROC HELMINTHOL SOC WASH  
35(2):212-218, 9 FIGS
- 800658** FISCHTHAL, JACOB H; THOMAS, J D - 1968  
DIGENETIC TREMATODES OF MARINE FISHES FROM  
GHANA, FAMILIES ACANTHOCOLPIDAE, BUCEPHALIDAE,  
DIDYMOZOIDAE  
PROC HELMINTHOL SOC WASH  
35(2):237-247, 11 FIGS
- 800659** ZUKAL, RUDA - 1968  
CORYDORAS SCHULTZEI  
AQUARIEN TERRARIEN Z  
21(8):239-241, 12 FIGS
- 800660** KEMMER, WOLFGANG - 1968



- FISCHFANG IN 10 SEKUNDEN, ELEKTROFISCHEREI IM AQUARIUM**  
AQUARIEN TERRARIEN Z  
21(8)254-256, 2 FIGS
- 800661** YAMAMOTO, TOKI-O; TAKEUCHI, KUNISUKE; TAKAI, MASAYUKI - 1968  
**MALE-INDUCING ACTION OF ANDROSTERONE AND TESTOSTERONE PROPIONATE UPON XX ZYGOTES IN THE MEDAKA, ORYZIAS LATIPES**  
EMBRYOLOGIA  
10(2)116-125, 3 TABLES
- 800662** UWA, HIROSHI - 1968  
**HORMONAL INHIBITIONS OF TESTOSTERONE-INDUCED PROCESS FORMATION IN ADULT FEMALES OF THE MEDAKA, ORYZIAS LATIPES**  
EMBRYOLOGIA  
10(2)147-154, 1 FIG, 4 TABLES
- 800663** POLLARD, JOHN E - 1968  
**THE GASTRIC CONTENTS OF AN ICHTHYOSAUR FROM THE LOWER LIAS OF LYME REGIS, DORSET**  
PALAEONTOLOGY  
2(3)376-388, 6 FIGS, 1 TABLE
- 800664** MISRA, P M - 1968  
**INTERRELATION BETWEEN YOLK PRESERVATION AND BLASTODISC FIXATION IN BROOK TROUT EGGS**  
STAIN TECHNOL  
43(4)241-242, 1 TABLE
- 800665** HOLCIK, JURAJ; DUYVENE DE WIT, J J - 1968  
**CHARACTERISTICS OF PARACHEILOGNATHUS TABIRA AND RHODEUS SERICEUS AMARUS HYBRIDS**  
TRANS ROY SOC S AFR  
38(1)29-37, 4 FIGS, 3 TABLES
- 800666** HONMA, YOSHIHARU; DUYVENE DE WIT, J J - 1968  
**TERATOLOGICAL OBSERVATIONS IN ACHEILOGNATHINE SPECIES AND HYBRIDS (CYPRINIDAE), III, UNCOMMON DEFORMITIES IN EIGHT ADULT SPECIMENS OF BITTERLING**  
TRANS ROY SOC S AFR  
38(1)39-44, 2 FIGS
- 800667** SINGH, T P; SATHYANESAN, A G - 1968  
**THYROID ACTIVITY IN RELATION TO PITUITARY THYROTROPIN LEVEL AND THEIR SEASONAL CHANGES UNDER NORMAL AND VARIED PHOTOPERIODS IN THE FRESHWATER TELEOST MYSTUS VITTATUS (BLOCH)**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)47-56, 2 FIGS, 2 TABLES
- 800668** SAMUELSSON, BENGT; FERNHOLM, BO; FRIDBERG, GUNNAR - 1968  
**LIGHT MICROSCOPIC STUDIES ON THE NUCLEUS LATERALIS TUBERIS AND THE PITUITARY OF THE ROACH, LEUCISCUS RUTILUS, WITH REFERENCE TO THE NUCLEUS-PITUITARY RELATIONSHIP**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)141-153, 6 FIGS, 1 TABLE
- 800669** FANGE, RAGNAR - 1968  
**THE FORMATION OF EOSINOPHILIC GRANULOCYTES IN THE OESOPHAGEAL LYMPHOMYELOID TISSUE OF THE ELASMOBRANCHS**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)155-161, 4 FIGS, 1 TABLE
- 800670** PANT, M C; KHANNA, S S - 1968  
**MORPHOLOGY AND HISTOCYTOLOGY OF THE PITUITARY GLAND OF GLYPTOTHORAX PECTINOPTERUS (TELEOSTEI)**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)177-187, 14 FIGS
- 800671** MORLOCK, NOEL L; BENAMY, DANIEL A; GRUNDFEST, HARRY - 1968  
**ANALYSIS OF SPIKE ELECTROGENESIS OF EEL ELECTROPLAQUES WITH PHASE PLANE AND IMPEDANCE MEASUREMENTS**  
J GEN PHYSIOL  
52(1)22-45, 10 FIGS, 1 TABLE
- 800672** BROMAGE, N R; SAGE, M - 1968  
**THE ACTIVITY OF THE THYROID GLAND OF POECILIA DURING THE GESTATION CYCLE**  
J ENDOCRINOL  
41(3)303-311, 2 FIGS, 2 TABLES
- 800673** BYZOV, A L; TRIFONOV, JU A - 1968  
**THE RESPONSE TO ELECTRIC STIMULATION OF HORIZONTAL CELLS IN THE CARP RETINA**  
VISION RES  
8(JULY)817-822, 4 FIGS
- 800674** WITKOVSKY, PAUL - 1968  
**THE EFFECT OF CHROMATIC ADAPTATION ON COLOR SENSITIVITY OF THE CARP ELECTRORETINOGRAM**  
VISION RES  
8(JULY)823-837, 8 FIGS
- 800675** BERNET-ROLLANDE, MARIE-CLAIRE - 1968  
**'LIAS CALCAIRE' DU CHAINON DE SAINT-CHINIAN (HERAULT), SUBDIVISIONS STRATIGRAPHIQUES ET CORRELATIONS REGIONALES**  
BULL SOC GEOL FR 7E SER  
9(2)198-211, 3 FIGS, 2 TABLES
- 800676** PALING, J E - 1968  
**A METHOD OF ESTIMATING THE RELATIVE VOLUMES OF WATER FLOWING OVER THE DIFFERENT GILLS OF A FRESHWATER FISH**  
J EXP BIOL  
48(3)353-544, 2 FIGS, 3 TABLES
- 800677** BAUER, RICHARD - 1968  
**UNTERSUCHUNGEN ZUR ENTLADUNGSTATIGKEIT UND ZUM BEUTEFANGVERHALTEN DES ZITTERWELSES MALAPTERURUS ELECTRICUS GMELIN 1789 (SILUROIDEA, MALAPTERURIDAE, LACEP 1803)**  
Z VERGL PHYSIOL  
371-402, 20 FIGS, 2 TABLES
- 800678** HOGENDOORN, W - 1968  
**AQUARIUM IN DE VRIJE NATUUR**  
AQUARIUM (DEN HAAG)  
39(2)26-29, 4 FIGS, 1 TABLE
- 800679** VERHOEF, H J - 1968  
**THAYERIA BOEHLKEI (VERVOLG)**  
AQUARIUM (DEN HAAG)  
39(1)2-7, (2)36-39, 5 FIGS
- 800680** SHIELDS, ROBERT J - 1968  
**EXPERIMENTAL INFESTATION OF FUNDULUS HETEROCLITUS (L) (PISCES) BY LERNAEA CYPRINACEA L (COPEPODA)**  
CRUSTACEANA  
15(1)111-112
- 800681** STEINERT, HARALD - 1968  
**DER MYTHOS VOM 'REICHTUM DER MEERE'**  
KOSMOS (STUTTART)  
64(8)337-339, 1 FIG
- 800682** ORR, T S C - 1968  
**DISTRIBUTION AND SPECIFICITY OF THE PLEROCERCROID OF LIGULA INTESTINALIS (L) IN THE NORTHAMPTONSHIRE AREA**  
J HELMINTHOL  
42(1/2)117-124, 1 FIG, 2 TABLES
- 800683** OIKE, ALAN W - 1968  
**A NOTE ON THE DEVELOPMENT OF THE METACERCARIAL CYST OF HOLOSTEPHANUS LUHEI SZIDAT, 1936**  
J HELMINTHOL  
42(1/2)125-130, 6 FIGS, 1 TABLE
- 800684** WILLIAMS, H HARTFORD; RICHARDS, D H H - 1968  
**OBSERVATIONS ON PSEUDANISAKIS ROTUNDATA (RUDOLPHI, 1819) MOZGOVOI, 1950, A COMMON BUT LITTLE KNOWN NEMATODE PARASITE OF RAIA RADIATA DONOVAN IN THE NORTHERN NORTH SEA**  
J HELMINTHOL  
42(1/2)199-219, 25 FIGS

- 800685 ALBRECHT, HELMUT; APFELBACH, R; WICKLER, WOLFGANG - 1968  
UBER DIE EIGENSTANDIGKEIT DER ART TILAPIA GRAHAMI BOULENGER, IHREN GRUBENBAU UND DIE ZUCHT IN EINEM SUSSWASSER (PISCES, CICHLIDAE) SENCKENBERGIANA BIOL  
49(2)107-118, 6 FIGS 17(4)14-15, 1 FIG 800685 - 800709
- 800686 EASTER, S S JR - 1968  
EXCITATION IN THE GOLDFISH RETINA, EVIDENCE FOR A NON-LINEAR INTENSITY CODE  
J PHYSIOL (LONDON)  
195(2)253-271, 5 FIGS, 1 TABLE
- 800687 EASTER, S S JR - 1968  
ADAPTATION IN THE GOLDFISH RETINA  
J PHYSIOL (LONDON)  
195(2)273-281, 5 FIGS
- 800688 MUNSHI, J S DATTA; SINGH, B N - 1968  
ON THE RESPIRATORY ORGANS OF AMPHIPHOUS CUCHIA (HAM BUCH)  
J MORPHOL  
124(4)423-443, 13 FIGS, 3 TABLES
- 800689 PFEIFFER, WOLFGANG - 1968  
RETINA UND RETINOMOTORIK DER DIPNOI UND BRACHIOPTERYGII  
Z ZELLFORSCH  
89(1)62-72, 3 FIGS
- 800690 SARIG, S (ED) - 1968  
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BAMIDGHEH  
20(2)1-39
- 800691 IKENOUE, HIROMU; MASUZAWA, HISASHI - 1968  
AN ESTIMATION ON PARAMETERS OF GROWTH EQUATION BASING ON THE RESULTS OF TAGGING EXPERIMENTS OF THE JAPANESE ALFONSIN FISH  
BULL JAP SOC SCI FISH  
34(2)97-102, 4 FIGS, 1 TABLE
- 800692 FUKUSHO, KUNIHICO - 1968  
THE SPECIFIC DIFFERENCE OF TEMPERATURE RESPONSES AMONG CICHLID FISHES GENUS TILAPIA  
BULL JAP SOC SCI FISH  
34(2)103-111, 6 FIGS
- 800693 TABETA, OSAME; TSUKAHARA, HIROSHI - 1968  
ON THE MASS MORTALITY OF EGGS AND LARVAE OF PACIFIC SAURY CAUSED BY STRANDING IN NORTHERN KYUSHU  
BULL JAP SOC SCI FISH  
34(2)123-129, 10 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800694 IWAI, TAMOTSU - 1968  
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BULL JAP SOC SCI FISH  
34(2)133-137, 3 FIGS
- 800695 WENGER, T; TORK, I - 1968  
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ACTA BIOL ACAD SCI HUNG  
19(1)83-96, 13 FIGS
- 800696 ABROSIMOVA, A M; VASINA, O G; GUMENYUK, S B - 1968  
ON THE PROBLEM OF DISTANT ORIENTATION OF ROACH IN THE KIEV RESERVOIR  
VESTN ZOOL  
(3)20-23, 3 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800697 SEAMAN, WAYNE - 1968  
I D FOR FISH  
COLO OUTDOORS
- 800698 NAZAROV, L A - 1968  
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FIZIOL ZH SSSR IM I M SECHENOVA  
54(7)824-831, 4 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800699 PETERS, WERNER - 1968  
VORKOMMEN, ZUSAMMENSETZUNG UND FEINSTRUKTUR PERITROPHISCHER MEMBRANEN IM TIERREICH  
Z MORPHOL TIERE  
62(1)9-57, 24 FIGS, 1 TABLE
- 800700 MCCRIMMON, HUGH R - 1968  
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FISH RES BOARD CAN BULL  
(165)IX + 1-94, 38 FIGS, 5 TABLES
- 800701 MILES, ROGER S; WESTOLL, T STANLEY - 1968  
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TRANS ROY SOC EDINBURGH  
67(9)373-488, 63 FIGS, 1 TABLE
- 800702 WHITE, ERROL I - 1968  
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TRANS-ANTARCTIC EXPED 1955-1958 SCI REP  
(16)1-33, 19 FIGS, 1 TABLE
- 800703 WHITTAKER, D E - 1968  
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NATURALIST (LEEDS)  
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- 800704 QUIGNARD, J P - 1968  
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ANN PARASITOL HUM COMP  
43(1)51-57, 7 FIGS, 1 TABLE
- 800705 GEIJSKES, D C - 1968  
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- 800706 BERDYSHEV, G D; MAXIMOVICH, A A; DZIZENKO, A K - 1968  
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TZITOLOGIJA I GENETIKA  
2(3)219-225, 2 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800707 THYS VAN DEN AUDENAERDE, D - 1968  
DESCRIPTION OF A NEW PELMATOCHROMIS (PISCES, CICHLIDAE) FROM SIERRA LEONE  
REV ZOOL BOT AFR  
77(3/4)335-345, 3 FIGS
- 800708 BAILEY, R G - 1968  
A NEW SPECIES OF SYNODONTIS (MOCHOKIDAE) FROM TANZANIA, EAST AFRICA  
REV ZOOL BOT AFR  
77(3/4)346-348, 1 FIG
- 800709 THYS VAN DEN AUDENAERDE, D - 1968  
A PRELIMINARY CONTRIBUTION TO A SYSTEMATIC REVISION OF THE GENUS PELMATOCHROMIS HUBRECHT SENSU LATO (PISCES, CICHLIDAE)  
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77(3/4)349-391, 17 FIGS, 2 TABLES

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- 800710 KOTTHAUS, ADOLF - 1968  
FISCHE DES INDISCHEN OZEANS, ERGEBNISSE DER  
ICHTHYOLOGISCHEN, UNTERSUCHUNGEN WAHREND DER  
EXPEDITION DES FORSCHUNGSSCHIFFES 'METEOR' IN  
DEN INDISCHEN OZEAN, OKTOBER 1964 BIS MAI 1965,  
A SYSTEMATISCHER TIEL, III OSTARIOPHYSI UND  
APODES  
'METEOR' FORSCHUNGSEERGEB SER D (BIOL)  
(3)14-15
- 800711 ALBRECHT, HELMUT - 1968  
FREIWASSERBEOBACHTUNGEN AN TILAPIEN (PISCES,  
CICHLIDAE) IN OSTAFRIKA  
Z TIERPSYCHOL  
25(4)377-394, 8 FIGS
- 800712 BLUM, VOLKER - 1968  
DAS KAMPFVERHALTEN DES BRAUNEN DISKUSFISCHE,  
SYMPHYODON AQUIFASCIATA AXELRODI L P SCHULTZ  
(TELEOSTEI, CICHLIDAE)  
Z TIERPSYCHOL  
25(4)395-408, 10 FIGS, 3 TABLES
- 800713 LEHRI, G K - 1968  
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CLARIAS BATRACHUS (LINN)  
ACTA ANAT  
69(1)105-124, 13 FIGS
- 800714 OKADA, YO K - 1968  
A FURTHER NOTE ON THE SEX REVERSAL IN INEGOCIA  
MEERDERVOORTI  
PROC JAP ACAD  
44(5)374-378, 5 FIGS
- 800715 MANN, HANS - 1968  
DIE BEEINFLUSSUNG DER FISCHEREI IN DER  
UNTERELBE DURCH ZIVILISATORISCHE MASSNAHMEN  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)168-181, 8 FIGS, 1 TABLE
- 800716 GERRICK, DAVID J - 1968  
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PRESERVATION OF FISH  
OHIO J SCI  
68(4)239-240, 1 TABLE
- 800717 KORRINGA, PIETER - 1968  
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WITH SPECIAL REFERENCE TO THE NORTH SEA  
FISHERIES  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)126-140, 2 FIGS
- 800718 KINNE, OTTO; SCHUMANN, KARL-HEINZ - 1968  
BIOLOGISCHE KONSEQUENZEN SCHWEFELSAURE- UND  
EISENSULFATHALTIGER INDUSTRIEABWASSER,  
MORTALITAT JUNGER GوبيUS PICTUS UND SOLEA SOLEA  
(PISCES)  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)141-155, 10 FIGS, 1 TABLE
- 800719 NOLTE, WILLY - 1968  
DIE KUSTENFISCHEREI IN DER UNTER UND  
AUSSENWESER UND DIE ABWASSERBEDROHUNG  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)156-167, 3 FIGS, 3 TABLES
- 800720 HUECK, HENDRIK J; ADEMA, DOROTHEA M M - 1968  
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17(1/4)188-199, 6 FIGS, 2 TABLES
- 800721 BOETIUS, JAN - 1968  
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THE DANISH NORTH SEA COAST  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)182-187, 3 FIGS
- 800722 HALSBAND, EGON - 1968  
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- BESTIMMUNG DES SCHADLICHKEITSGRADES VON  
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HELGOLAENDER WISS MEERESUNTERS  
17(1/4)224-246, 17 FIGS, 5 TABLES
- 800723 PORTMANN, JOHN E - 1968  
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THE MARINE ENVIRONMENT  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)247-256, 7 FIGS
- 800724 MIRONOV, OLEG G - 1968  
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INFLUENCE ON MARINE ORGANISMS  
HELGOLAENDER WISS MEERESUNTERS  
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- 800725 LUDEMANN, DIETRICH - 1968  
GEWASSERVERSCHMUTZUNG DURCH  
AUSSENBORDMOTOREN  
UND DEREN WIRKUNG AUF FAUNA UND FLORA  
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17(1/4)356-369, 6 FIGS, 1 TABLE
- 800726 KOEMAN, JAN H; VEEN, JAN; BROUWER, EDUARD;  
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17(1/4)375-380, 1 FIG, 4 TABLES
- 800727 RUUD, JOHAN T - 1968  
CHANGES SINCE THE TURN OF THE CENTURY IN THE  
FISH FAUNA AND THE FISHERIES OF THE OSLOFJORD  
HELGOLAENDER WISS MEERESUNTERS  
17(1/4)510-517, 2 FIGS
- 800728 PICKFORD, GRACE E; GRANT, F BLAKE - 1968  
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KILLIFISH (FUNDULUS HETEROCLOTUS) TO  
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HETEROTHYROTROPIC FACTOR  
GEN COMP ENDOCRINOL  
10(1)1-7, 3 TABLES
- 800729 YAMAMOTO, TOKI-O - 1968  
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ANDROSTENEDIONE UPON SEX DIFFERENTIATION IN THE  
MEDAKA, ORYZIAS LATIPES  
GEN COMP ENDOCRINOL  
10(1)8-13, 4 TABLES
- 800730 SAGE, M - 1968  
RESPONSES TO OSMOTIC STIMULI OF XIPHOPHORUS  
PROLACTIN CELLS IN ORGAN CULTURE  
GEN COMP ENDOCRINOL  
10(1)70-74, 6 TABLES
- 800731 BUTLER, D G - 1968  
HORMONAL CONTROL OF GLUCONEOGENESIS IN THE  
NORTH AMERICAN EEL (ANGUILLA ROSTRATA)  
GEN COMP ENDOCRINOL  
10(1)85-91, 3 TABLES
- 800732 BARA, GONUL - 1968  
HISTOCHEMICAL STUDY OF 3 BETA-, 3 ALPHA-, 11  
BETA- AND 17 BETA-HYDROXYSTEROID  
DEHYDROGENASES IN THE ADRENOCORTICAL TISSUE AND  
THE CORPUSCLES OF STANNIUS OF FUNDULUS  
HETEROCLOTUS  
GEN COMP ENDOCRINOL  
10(1)126-137, 14 FIGS, 1 TABLE
- 800733 SAGE, M - 1968  
RESPIRATORY AND BEHAVIORAL RESPONSES OF  
POECILIA TO TREATMENT WITH THYROIDINE AND  
THIOUREA  
GEN COMP ENDOCRINOL  
10(3)304-309, 4 FIGS, 2 TABLES
- 800734 YAMAZAKI, FUMIO; DONALDSON, EDWARD M - 1968



	<p>THE SPERMATION OF GOLDFISH (CARASSIUS AURATUS) AS A BIOASSAY FOR SALMON (ONCORHYNCHUS TSHAWYTSCHA) GONADOTROPIN GEN COMP ENDOCRINOL 10(3)383-391, 9 FIGS, 2 TABLES</p>	<p>ACTA ANAT 69(2)282-286, 2 FIGS, 1 TABLE</p>	800735 - 800760
800735	<p>DHARMAMBA, MUTHUSAMY; NISHIOKA, RICHARD S 1968 RESPONSE OF PROLACTIN-SECRETING CELLS OF TILAPIA MOSSAMBICA TO ENVIRONMENTAL SALINITY GEN COMP ENDOCRINOL 10(3)409-420, 10 FIGS</p>	<p>800747 JERZMANSKA, ANNA; KOTLARCYK, JANUSZ - 1968 ICHTHYOFAUNAL ASSEMBLAGES IN THE MENILITE BEDS OF THE CARPATHIANS AS INDICATORS OF SEDIMENTARY ENVIRONMENT ROCZ POL TOW GEOL 38(1)39-66, 8 FIGS, 3 TABLES</p>	
800736	<p>HOLMBERG, KAJ - 1968 ULTRASTRUCTURE AND RESPONSE TO BACKGROUND ILLUMINATION OF THE MELANOPHORES OF THE ATLANTIC HAGFISH, MYXINE GLUTINOSA, L GEN AND COMP ENDOCRINOL 10(3)421-428, 12 FIGS</p>	<p>800748 SCHUBERT, GOTTFRIED - 1968 ES MUSS NICHT IMMER ICHTHYO SEIN AQUARIEN MAG (8)341-343, 6 FIGS</p>	
800737	<p>KOLLMANN, ALBERT - 1968 GYRODACTYLUS CYPRINI N SP AN CYPRINUS CARPIO L MIT EINER BEMERKUNG UBER DIE MECHANIK DER RANDHAKEN ZOOLOG ANZ 180(1/2)36-42, 4 FIGS, 1 TABLE</p>	<p>800749 CARL, GERD - 1968 EIN TRAUM, DER IN ERFULLUNG GING, DER LEOPARDDRUCKERFISCH IST EIN INDIVIDUALIST AQUARIEN MAG (8)338-339, 2 FIGS</p>	
800738	<p>PETER, RICHARD E - 1968 FAILURE TO DETECT AN EFFECT OF PINEALECTOMY IN GOLDFISH GEN COMP ENDOCRINOL 10(3)443-445, 1 TABLE</p>	<p>800750 BUSCHMANN, ERWIN - 1968 DIE SCHWABEN UNTER DEN KORALLENFISCHEN, KAISERFISCHE BRAUCHEN EIN EIGENHEIM AQUARIEN MAG (8)326-327, 4 FIGS</p>	
800739	<p>KOLLMANN, ALBERT - 1968 DACTYLOGYRUS CRASSUS KULWIEC, 1927 (TREMATODA, MONOGENOIDEA) AUF DEN KIEMEN VON KARPEN ZOOLOG ANZ 180(1/2)43-49, 6 FIGS, 2 TABLES</p>	<p>800751 MOOSLEITNER, HORST - 1968 DAS UNTERNEHMEN NYLONSACK AQUARIEN MAG (8)319-321, 2 FIGS</p>	
800740	<p>HAIDER, GERHARD - 1968 VERGLEICHENDE UNTERSUCHUNGEN ZUR BLUTMORPHOLOGIE UND HAMATOPOESE EINIGER TELEOSTIER, III, BEOBSACHTUNGEN AN LEUKOZYTEN UND PLASMAZELLEN ZOOLOG ANZ 180(1/2)110-130, 5 FIGS, 1 TABLE</p>	<p>800752 WICKLER, WOLFGANG - 1968 DER FISCH MIT DEN DREI GESCHLECHTERN AQUARIEN MAG (8)310 + 332, 2 FIGS</p>	
800741	<p>GUPTA, J P; MUNSHI, J S DATTA - 1968 THE STRUCTURE OF PSEUDOBANCH OF ANABAS TESTUDINEUS (BLOCH) ZOOLOG ANZ 180(1/2)130-138, 12 FIGS</p>	<p>800753 SANDER, ERWIN - 1968 DAS EIWEISS MUSS RAUS, WIE FUNKTIONIERT EIN EIWEISSABSCHAUER? AQUARIEN MAG (8)311-315, 7 FIGS</p>	
800742	<p>POST, A - 1968 DIE PARALEPIDIDAE (PISCES) DER 15. FORSCHUNGSFAHRT DES FFS 'WALTHER HERWIG' ZOOLOG ANZ 180(1/2)139-146, 4 FIGS, 1 TABLE</p>	<p>800754 STARMACH, KAROL - 1968 BODY PROPORTIONS IN FISHES PRZEGL ZOOLOG 12(2)177-185, 11 FIGS, 7 TABLES IN POLISH WITH ENGLISH SUMMARY</p>	
800743	<p>BURDAK, V D - 1968 THE FUNCTIONAL VALUE OF CTENOIDS ON FISH SCALES ZOOLOG ZH 47(5)732-738, 4 FIGS, 1 TABLE</p>	<p>800755 KENNEDY, W A; PLETCHER, F T - 1968 THE 1964-65 SABLEFISH STUDY FISH RES BOARD CAN TECH REP (74)1-24, 10 FIGS, 9 TABLES</p>	
800744	<p>ANDERSON, EVERETT - 1968 CORTICAL ALVEOLI FORMATION AND VITELLOGENESIS DURING OOCYTE DIFFERENTIATION IN THE PIPEFISH, SYNGNATHUS FUSCUS, AND THE KILLIFISH, FUNDULUS HETEROCLOTUS J MORPHOL 125(1)23-31, 34 FIGS</p>	<p>800756 MESSIEH, S N; BURNETT, C D; TIBBO, S N - 1968 LENGTH-AGE DISTRIBUTION BAY OF FUNDY HERRING FISH RES BOARD CAN TECH REP (57)1-63, 1 FIG, 13 TABLES</p>	
800745	<p>SCHULTZE, HANS-PETER - 1968 PALAEONISCOIDEA-SCHUPPEN AUS DEM UNTERDEVON AUSTRALIENS UND KANADAS UND AUS DEM MITTELDEVON SPITZBERGENS BRIT MUS (NATUR HIST) BULL GEOL 16(7)341-368, 47 FIGS, 1 TABLE</p>	<p>800757 HACKNEY, PETE - 1968 TWO SPECIES OF PIKE FOUND IN ALABAMA WATERS ALA CONSERV 38(3)6-7, 2 FIGS</p>	
800746	<p>SUNDARARAJ, BANGALORE I; NARASIMHAN, P V - 1968 AN AUTORADIOGRAPHIC STUDY OF THE SACCUS VASCULOSUS OF NOTOPTERUS SP (TELEOSTEI) BY ADMINISTRATION OF NA253504</p>	<p>800758 KOHLER, A C - 1968 FISH STOCKS OF THE NOVA SCOTIA BANKS AND GULF OF ST LAWRENCE FISH RES BOARD CAN TECH REP (80)1-8, 16 FIGS, 1 TABLE</p>	
		<p>800759 MACHIDORI, SEIJI - 1968 VERTICAL DISTRIBUTION OF SALMON (GENUS ONCORHYNCHUS) IN THE NORTH-WESTERN PACIFIC III BULL HOKKAIDO REG FISH RES LAB (34)1-11, 6 FIGS, 7 TABLES</p>	
		<p>800760 KITAKATA, MASAOKI - 1968 STUDIES ON THE AGGREGATIVE CHARACTERISTICS OF ATKA-MACKEREL, PLEUROGRAMMUS AZONUS JORDAN ET</p>	

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BULL HOKKAIDO REG FISH RES LAB  
(34)30-39, 8 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 800761 KRAJNOVIC, MIRJANA - 1968  
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REV INT OCEANOGR MED  
10:69-74, 1 FIG, 1 TABLE
- 800762 NAKAMURA, MORIZUMI; KIMURA, TADAOKI - 1968  
ON THE ELVERS OF *ANGUILLA MARMORATA* QUOY ET GAIMARD COLLECTED IN THE LOWER STREAM OF THE TONE RIVER  
MISC REP RES INST NATUR RESOUR  
69(3)135-138, 2 FIGS, 2 TABLES
- 800763 MADEYSKI, PAWEŁ - 1968  
BAJKAL I OMUL  
POZNAJ SWIAT  
16(6)20-25, 8 FIGS
- 800764 HYND, J S - 1968  
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CSIRO (COMMONW SCI IND RES ORGAN) TECH PAP  
26 DIV FISH  
1-40, 33 FIGS, 1 TABLE
- 800765 UYENO, TERUYA - 1968  
PLEISTOCENE CYPRINID FISH FROM TOCHIGI PREFECTURE, JAPAN  
MISC REP RES INST NATUR RESOUR  
69(3)131-134, 4 FIGS, 1 TABLE
- 800766 MAY, EDWIN B - 1968  
RARE FISH IS CAPTURED NEAR DAUPHIN ISLAND  
ALA CONSERV  
38(3)21, 1 FIG
- 800767 CELLER, MIROSLAW - 1968  
A NEW BREEDING FORM OF *GYMNOCORYMBUS TERNETZI* (BLGR)  
PRZEGL ZOOŁ  
12(2)231-234, 2 FIGS, 1 TABLE  
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- ~~800768~~ MCREA, ALEX H ET ALIA - 1968  
ANNU REP ALASKA DEP FISH GAME 1966-1967  
8:271, 69 FIGS, 142 TABLES
- 800769 TURNER, HARRY J JR; PRINDLE, BRYCE - 1968  
THE VERTICAL DISTRIBUTION OF FISHBITES ON DEEP-SEA MOORING LINES IN THE VICINITY OF BERMUDA  
DEEP-SEA RES OCEANOGR ABSTR  
15(3)377-379, 4 FIGS
- 800770 CASTLE, P H J - 1968  
SYNAPHOBRANCH EELS FROM THE SOUTHERN OCEAN  
DEEP-SEA RES OCEANOGR ABSTR  
15(3)393-396, 1 FIG
- 800771 RASTOGI, RAKESH K - 1968  
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ANAT ANZ  
122(4)353-366, 21 FIGS, 1 TABLE
- 800772 NELSON, GARETH J - 1968  
GILL ARCHES OF TELEOSTEAN FISHES OF THE DIVISION *OSTEOGLOSSOMORPHA*  
J LINN SOC LONDON ZOOŁ  
47(312)261-277, 11 FIGS, 1 TABLE
- ~~800773~~ WHEELER, ALWYNE; ESCHMEYER, WILLIAM N - 1968
- THE IDENTITY OF THE BRITISH SCORPIONFISH *HELICOLENUS MICROPHthalmus*  
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47(312)309-314, 1 FIG
- 800774 SORENSON, ROBERT LOWELL - 1968  
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DISS ABSTR  
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- 800777 CLARKE, THOMAS ARTHUR - 1968  
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- 800781 MCLARNEY, WILLIAM O - 1968  
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DISS ABSTR  
28(12)5250-B
- ~~800783~~ RENO, HARLEY WAYNE - 1968  
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- ~~800784~~ STEPHENS, ROBERT RHEA - 1968  
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DISS ABSTR  
28(12)5254-B-5255-B
- 800785 SMITH, ALBERT CARL - 1968  
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DISS ABSTR  
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- 800786** WHITESIDE, BOBBY GENE - 1968  
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- 800787** EDELMAN, ABRAHAM - 1968  
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DISS ABSTR  
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DISS ABSTR  
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- 800790** WILSON, CAROL MAGGART - 1968  
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DISS ABSTR  
28(11)4806-B
- 800797** WEIS, JUDITH SHULMAN - 1968  
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DISS ABSTR  
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- 800798** NIKOLSKY, G V - 1968  
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47(6)901-915, 8 FIGS, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800800** GUSSEV, A V - 1968  
**AMMONIUM PICRATE AS A FIXATIVE AND MOUNTING MEDIUM FOR SLIDES OF FISH PARASITES**  
ZOOLOG ZH  
47(6)935-936  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800801** NAGELI, ALBERT - 1968  
**DIE ZUCHT DES INDISCHEN GLASBARSCHES CHANDALA (HAMILTON-BUCHANAN)**  
AQUA TERRA  
5(8)57-59, 1 FIG
- 800802** SAXENA, SUBHASH C; ZANDEE, DANIEL I - 1968  
**FATTY ACID COMPOSITION OF A FRESH-WATER CARP, SCARDINIUS ERYTHROPTALMUS L**  
ARCH INT PHYSIOL BIOCHEM  
76(3)434-440, 4 TABLES
- 800803** KRIGSHABER, M P; NEUFACH, A A - 1968  
**PROTEIN SYNTHESIS IN THE BLASTODERM OF A MISGURNUS FOSSILIS EMBRYO**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
180(4/5/6)1259-1261, 2 FIGS, 1 TABLE  
IN RUSSIAN
- 800804** BENNETT, MICHAEL V L; GIMENEZ, M; RAVITZ, M J - 1968  
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- 800805** BERNSOHN, JOSEPH; BARRON, KEVIN D - 1968  
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- 800809** HAMILTON, JAMES B; WALTER, ROGER O - 1968  
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ANAT REC  
160(2)359



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- 800811 KEMP, NORMAN E; PARK, JAE HO; MCWILLIAMS, ALICE  
K; AUERBACH, SUSAN E; BOZDECH, MAREK J - 1968  
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ACTINOTRICHIA IN REGENERATING TAILFINS OF  
TELEOSTS  
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- 800812 LIEM, KAREL F - 1968  
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160(2)385
- 800813 MURRAY, MARION; GRAFSTEIN, BERNICE - 1968  
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REGENERATION  
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160(2)398
- 800814 SCHNITZLEIN, H N; WHITT, GERALD G - 1968  
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TWO DIPNOAN FISHES  
ANAT REC  
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- 800815 SCHWARTZ, ILSA R; PAPPAS, GEORGE D - 1968  
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WEAKLY ELECTRIC FISH  
ANAT REC  
160(2)424
- 800816 TOMASULO, JOSEPH A - 1968  
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GUPPY DURING OSMOREGULATION  
ANAT REC  
160(2)441-442
- 800817 EBBESSON, SVEN O E; HEIMER, LENNART - 1968  
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SHARKS (GALEOCERDO CUVIERI AND GINGLYMOSTOMA  
CIRRATUM)  
ANAT REC  
160(2)469
- 800818 BILLENSTIEN, DOROTHY C; GALER, BETTINA B - 1968  
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VASCULOSUS CROWN CELLS IN THE SUNFISH  
ANAT REC  
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IN ACIPENSERIDAE  
ZH OBSHCH BIOL  
29(3)316-333, 12 FIGS
- 800820 WUNDER, WILHELM - 1968  
HOCHRUCKIGKEIT BEIM AAL (ANGUILLA ANGUILLA L),  
BEDINGT DURCH WIRBELSAULENVERKURZUNG  
BIOL ZENTRALBL  
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- 800821 SAXENA, P K; RASTOGI, RAKESH K - 1968  
THE CRANIAL NERVES OF THE FLAT-FISH,  
CYNOGLOSSUS BILINEATUS (LAC)  
ANNOT ZOOL JAP  
41(2)70-76, 4 FIGS
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VON ACETYLCHOLINESTERASE, MONOAMINOXYDASE UND  
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SYSTEM VON CYPRINUS CARPIO  
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Z ZELLFORSCH  
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IN GOLDFISH  
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SAGAMI BAY-I, ON HORSE MACKEREL, FLASHER,  
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BARRACUDA AND ALFONSIS  
BULL JAP SOC SCI FISH  
34(5)365-377, 34 FIGS, 9 TABLES
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TSUDA, TSUTOMU - 1968  
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POLLUTION-VII, DETECTION OF NICKEL IN THE FISH  
BULL JAP SOC SCI FISH  
34(5)385-390, 1 FIG, 7 TABLES
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EFFECT OF GROUND BAITS AND ATTRACTING FISH  
LAMPS ON THE CATCH OF MACKEREL POLE AND LINE  
FISHERY  
BULL JAP SOC SCI FISH  
34(5)395-398, 3 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800829 OGURA, MICHIO - 1968  
STUDIES ON MACKEREL ANGLING FISHERIES-II, THE  
EFFECT OF THE CONSUMPTION OF GROUND BAITS ON  
THE CATCH OF MACKEREL POLE AND LINE FISHERY  
BULL JAP SOC SCI FISH  
34(5)399-403, 4 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 800830 SUGII, KISABURO; KINUMAKI, TOYOSUKE - 1968  
DISTRIBUTION OF VITAMIN E IN A FEW SPECIES OF  
FISH  
BULL JAP SOC SCI FISH  
34(5)420-428, 2 FIGS, 3 TABLES
- 800831 CASOLA, LUIGI; AGRANOFF, BERNARD W - 1968  
STUDIES ON RNA IN GOLDFISH BRAIN, I, ISOLATION  
AND IN VIVO LABELING  
BRAIN RES  
10(2)227-238, 9 FIGS
- 800832 JASINSKI, ANDRZEJ - 1968  
MODIFICATIONS IN THE NEUROSECRETORY SYSTEM OF  
THE FISH, MISGURNUS FOSSILIS, INDUCED BY  
LASTING INANITION  
Z ZELLFORSCH  
88(4)537-548, 7 FIGS
- 800833 OLIVEREAU, MADELEINE; LEMOINE, ANNE-MARIE  
1968  
ACTION DE LA PROLACTINE CHEZ L'ANGUILLE  
INTACTE, III, EFFET SUR LA STRUCTURE  
HISTOLOGIQUE DU REIN  
Z ZELLFORSCH  
88(4)576-590, 19 FIGS, 2 TABLES
- 800834 NIKOLSKI, G V - 1968  
THEORY OF THE DYNAMICS OF THE POPULATION OF  
ANIMALS (FOR EXAMPLE, THE DYNAMICS OF FISH

**SHOALS)**  
 VESTN AKAD NAUK SSR  
 (5)47-56, 6 FIGS  
 IN RUSSIAN, WITH ENGLISH SUMMARY

AQUARIEN MAG  
 (9)376-379, 10 FIGS

800835 - 800860

800835 KOSAKI, THOMAS J; ANDERSON, HAMILTON H - 1968  
**MARINE TOXINS FROM THE PACIFIC-IV,  
 PHARMACOLOGY OF CIGUATOXIN(S)**  
 TOXICON  
 6(1)55-58, 1 FIG, 1 TABLE

800848 KASSING, KARL - 1968  
**HERR IM HAUS, REVIERBILDUNG BEI NEONFISCHEN**  
 AQUARIEN MAG  
 (9)384-386, 3 FIGS

800836 KAUSCH, HARTMUT - 1968  
**DER EINFLUSS DER SPONTANAKTIVITÄT AUF DIE  
 STOFFWECHSELRATE JUNGER KARPEN (CYPRINUS  
 CARPIO L) IM HUNGER UND BEI FUTTERUNG**  
 ARCH HYDROBIOL  
 6(3/4)263-330, 41 FIGS, 16 TABLES

800849 KOLFERTZ, ERWIN - 1968  
**STURM IM WASSERGLAS, ICHTHYOBKAMPFUNG MIT DER  
 UMWALZPUMPE**  
 AQUARIEN MAG  
 (9)388-389, 3 FIGS

800837 STEPANEK, MIROSLAV - 1968  
**BEITRÄGE ZUR BIOAKUSTIK DER BINNENGEWASSER, I,  
 DIE REAKTIONEN DER SUSSWASSERORGANISMEN AUF DIE  
 VON DER WASSEROBERFLÄCHE KOMMENDEN GERAUSCHE**  
 ARCH HYDROBIOL  
 6(3/4)397-422, 18 FIGS, 7 TABLES

800850 KASSANYI, JENO - 1968  
**BILD-REPORT AUS DEM LEBEN DER FAMILIE MEEKI**  
 AQUARIEN MAG  
 (9)390-393, 9 FIGS

800838 STEPANEK, MIROSLAV - 1968  
**BEITRÄGE ZUR BIOAKUSTIK DER BINNENGEWASSER, II,  
 FRESSGERÄUSCHE VON KARPEN UND ELRITZEN**  
 ARCH HYDROBIOL  
 6(3/4)423-430, 8 FIGS

800851 BARANNIKOVA, I A - 1968  
**FUNCTIONAL BASIS OF FISH MIGRATION**  
 VESTN Leningrad UNIV SER BIOL  
 2(9)69-72  
 IN RUSSIAN WITH ENGLISH SUMMARY

800839 STEFFENS, W; FREUDENBERG, H - 1968  
**FUTTERUNGSVERSUCHE BEI REGENBOGENFORELLEN  
 (SALMO GAIARDNERI) FUTTERUNG VON FORELLENBRUT  
 MIT TROCKENFUTTER**  
 DEUT FISCH ZTG  
 15(7)185-190, 1 FIG, 7 TABLES

800852 CHAROUSSET, FRANCOIS - 1968  
**BEITRAG ZUR KENNNTNIS SER SCHLEIMFISCHE  
 (BLENNIIDAE) SARDINIENS**  
 AQUARIEN TERRARIEN Z  
 21(9)270-274, 12 FIGS

800840 ANWAND, K - 1968  
**ERGEBNISSE DER BESATZVERSUCHE MIT SIGNIERTER  
 HECHTBRUT**  
 DEUT FISCH ZTG  
 15(7)195-198, 2 FIGS, 2 TABLES

800853 VAN DEN NIEUWENHUIZEN, AREND - 1968  
**BARBUS TETRAZONA**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(6)184-187, 9 FIGS

800841 DORN, EMMI; SCHALLER, FRIEDRICH - 1968  
**DIE KNOCHENZUNGLER-EINE BESONDERHEIT UNTER DEN  
 FISCHEN**  
 UMSCH WISS TEC  
 68(14)426-431, 7 FIGS

800854 RICHTER, HANS JOACHIM - 1968  
**DER MONDSCHNEIFADENFISCH TRICHOASTER  
 MICROLEPIS UN DER DDR WIEDER EINGEFÜHRT UND  
 NACHGEZOGEN**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(6)192-194, 2 FIGS

800842 DZIEGIEL, LESZEK - 1968  
**POLNOC KULINARNA**  
 POZNAJ SWIAT  
 16(8)17-19, 5 FIGS

800855 ZUKAL, RUDA - 1968  
**NANNACARA ANOMALA REGAN**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(6)198-199, 9 FIGS

800843 FAJEN, OTTO F - 1968  
**NEWCOMER TO NORTH MISSOURI**  
 MO CONSERV  
 29(7)1-3, 5 FIGS

800856 FRANKE, HANNS-JOACHIM - 1968  
**CURIMATOPSIS EVELYNAE GERY 1964, EINE SCHÖNE  
 SALMLERNEUHEIT VOM OBEREN RIO META IN KOLUMBIEN**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(6)202-203, 2 FIGS, 1 TABLE

800844 PINTER, HELMUT - 1968  
**LABYRINTHER FÜR SIE, EINE FISCHFAMILIE, DIE FÜR  
 JEDEN ETWAS BIETET**  
 AQUARIEN MAG  
 (9)354-359, 6 FIGS

800857 STALLKNECHT, HELMUT - 1968  
**ETHOLOGIE HILFT RICHTEN**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(6)204, 205, 4 FIGS

800845 RAHMANN, HINRICH - 1968  
**PROTEIN-UND  
 KOHLENHYDRAT-TRANSPORTGESCHWINDIGKEITEN IM ZNS  
 VON TELEOSTEERN**  
 Z MIKROSK-ANAT FORSCH  
 78(3)289-304, 4 FIGS, 1 TABLE

800858 VAN DEN NIEUWENHUIZEN, AREND - 1968  
**AEQUIDENS PULCHER, DER BLAUPUNKBUNTBARSCHE**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(7)220-223, 9 FIGS

800846 ZUKAL, RUDA - 1968  
**DIE LAICHSERIE DES JAHRES, WELSFRAUEN BRAUCHEN  
 ZWEI MANNER**  
 AQUARIEN MAG  
 (9)360-363, 12 FIGS

800859 KADEN, DIETER - 1968  
**MEIN WEG ZU HOCHFLOSSIGEN PLATIES**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(7)224-225, 2 FIGS

800847 MULLER, KARL - 1968  
**BARBEN SIND KEINE BARBEN**

800860 CELLER, MIROSLAW; SITKO, STANISLAW - 1968  
**DER POLNISCHE TETRA**  
 MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
 TERRARIEN  
 15(7)230-231, 2 FIGS

- 800861 - 800886
- 800861 HOHL, DIETER - 1968  
BEOBACHTUNGEN ZUM VERHALTEN VON PELMATOCHROMIS THOMASI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(7)232-234, 2 FIGS
- 800862 STALLKNECHT, HELMUT - 1968  
PSEUDOMUGIL SIGNIFER-EINIGE NOTWENDIGE ERGANZUNGEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(8)256-259, 6 FIGS
- 800863 GORFF, LOTHAR - 1968  
ZUCHTERFOLGE BEIM SCHRAGSCHWIMMER  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(8)260-261
- 800864 BIC, JAROSLAV - 1968  
DIE VERMEHRUNG DES AEQUIDENS CURVICEPS E AHL 1924  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(8)262-264, 8 FIGS
- 800865 KENNEDY, W A - 1968  
AN OCTAGONAL POUND FOR LIVE FISH  
FISH RES BOARD CAN TECH REP  
(78)1-10, 5 FIGS
- 800866 HOURSTON, A S; CHAULK, R - 1968  
HERRING LANDINGS AND CATCHES IN NEWFOUNDLAND AND THEIR IMPLICATIONS CONCERNING THE DISTRIBUTION AND ABUNDANCE OF THE STOCKS  
FISH RES BOARD CAN TECH REP  
(58)VI + 1-77, 8 FIGS, 52 TABLES
- 800867 HOURSTON, A S - 1968  
AGE DETERMINATION OF HERRING AT THE BIOLOGICAL STATION ST JOHNS NEWFOUNDLAND  
FISH RES BOARD CAN TECH REP  
(49)1-24, 12 TABLES
- 800868 SIMIDU, U; HASUO, KAZUYO - 1968  
SALT DEPENDENCY OF THE BACTERIAL FLORA OF MARINE FISH  
J GEN MICROBIOL  
52(3)347-354, 4 FIGS, 5 TABLES
- 800869 SIMIDU, U; HASUO, KAZUYO - 1968  
AN IMPROVED MEDIUM FOR THE ISOLATION OF BACTERIA FROM MARINE FISH  
J GEN MICROBIOL  
52(3)355-360, 6 TABLES
- 800870 AISO, K; SIMIDU, U; HASUO, KAZUYO - 1968  
MICROFLORA IN THE DIGESTIVE TRACT OF INSHORE FISH IN JAPAN  
J GEN MICROBIOL  
52(3)361-364, 4 TABLES
- 800871 BUSS, KEEN - 1968  
FRY AND FINGERLINGS CAN BE PLANTED WITH GREAT SUCCESS IN NEW WATERS  
KY HAPPY HUNTING GROUND  
24(5)26-28, 3 FIGS
- 800872 HASTINGS, J W - 1968  
BIOLUMINESCENCE  
ANNU REV BIOCHEM  
37:597-630, 5 FIGS
- 800873 VENGLINSKII, D L; DOBRINSKAYA, L A; AMSTISLAVSKII, A Z - 1968  
BIOLOGICAL CHARACTERISTICS OF CERTAIN COMMERCIAL FISH OF THE OB' NORTH  
PROBL NORTH TRANSL PROBLEMY SEVERA  
(11)235-256, 3 TABLES
- 800874 RYBNIKOV, V S - 1968  
DEVELOPMENT AND IMPROVEMENT OF THE ECONOMIC EFFICIENCY OF FISHING IN RIVERS AND LAKES OF NORTHERN YAKUTIYA  
PROBL NORTH TRANSL PROBLEMY SEVERA  
(11)257-267, 4 TABLES
- 800875 RAUCKIS, E - 1968  
TETRACOTYLE PERCAE-FLUVIATILIS LINSTOW 1856 (STRIGIDAE) BIOLOGIJOS KLAUSIMU  
ACTA PARASITOL LITUANICA  
7:85-90
- 800876 MRAZ, DONALD - 1968  
RECRUITMENT GROWTH EXPLOITATION AND MANAGEMENT OF WALLEYES IN A SOUTHEASTERN WISCONSIN LAKE  
TECH BULL WIS DEP NATUR RESOUR  
(40)1-38, 9 FIGS, 21 TABLES
- 800877 KAMOHARA, TOSHIJI; YAMAKAWA, TAKESHI - 1968  
ADDITIONAL RECORDS OF MARINE FISHES FROM AMAMI  
REP USA MAR BIOL STA KOCHI UNIV  
15(1)1-25, 12 FIGS
- 800878 BANARESCU, PETRU; NALBANT, TEODOR T - 1968  
COBITIDAE (PISCES, CYPRINIFORMES) COLLECTED BY THE GERMAN INDIA EXPEDITION  
MITT HAMBURG ZOOL MUS INST  
65:327-351, 15 FIGS
- 800879 BANARESCU, PETRU - 1968  
SUSSWASSERFISCHE DER TURKEI, ERGANZENDE ANGABEN ZU TEIL 2, COBITIDAE  
MITT HAMBURG ZOOL MUS INST  
65 + 353-356, 20 FIGS
- 800880 PRIEGEL, GORDON R - 1968  
THE MOVEMENT, RATE OF EXPLOITATION AND HOMING BEHAVIOR OF WALLEYES IN LAKE WINNEBAGO AND CONNECTING WATERS, WISCONSIN, AS DETERMINED BY TAGGING  
TRANS WIS ACAD SCI ARTS LETT  
51 + 207-223, 3 FIGS, 6 TABLES
- 800881 STOSSEL, W; ZEBE, E - 1968  
ZUR INTRACELLULAREN REGULATION DER KONTRAKTIONSAKTIVITAT, VERGLEICHENDE UNTERSUCHUNGEN AN VERSCHIEDENEN MUSKELTYPEN  
PFLUEGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
302(1)38-56, 7 FIGS, 4 TABLES
- 800882 TIEMEIER, O W; DEYOE, C W - 1968  
GROWTH OBTAINED BY STOCKING VARIOUS SIZE COMBINATIONS OF CHANNEL CATFISH, (ICTALURUS PUNCTATUS), AND EFFICIENCIES OF UTILIZING PELLETTED FEED  
SOUTHWEST NATUR  
13(2)167-174, 6 TABLES
- 800883 HILL, LOREN G - 1968  
INTER- AND INTRAPOPULATIONAL VARIATION OF VERTEBRAL NUMBERS OF THE YOKE DARTER, ETHEOSTOMA JULIAE  
SOUTHWEST NATUR  
13(2)175-191, 3 FIGS, 10 TABLES
- 800884 JONES, EVERET C - 1968  
LEPAS ANSERIFERA LINNE (CIRRIPEDIA LEPADOMORPHA) FEEDING ON FISH AND PHYSALIA CRUSTACEANA  
14(3)312-313, 2 FIGS
- 800885 OSIPOV, V G - 1968  
ON THE VERTICAL DISTRIBUTION OF THE YELLOWFIN (NEOTHUNNUS ALBACORA) AND BIGEYE (PARATHUNNUS OBESUS) TUNAS  
ZOOL ZH  
47(8)1192-1197, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800886 MARINARO, J Y - 1968  
CONTRIBUTION A L'ETUDE DES OEUFS ET LARVES PELAGIQUES DE POISSONS MEDITERRANEENS, II, LES



- PREMIERS STADES DE DEVELOPPEMENT DE TRIGLA OBSCURA L. PELAGOS**  
(8)61-69, 18 FIGS
- 800887** POULSON, THOMAS L; COOPER, JOHN E - 1968  
**A GUIDE FOR BIOLOGICAL COLLECTING IN CAVES**  
NAT SPELEOL SOC NEWS  
26(9)127-138, 25 FIGS
- 800888** PARSONS, JOHN DAVID - 1968  
**THE EFFECTS OF ACID STRIP-MINE EFFLUENTS ON THE ECOLOGY OF A STREAM**  
ARCH HYDROBIOL  
65(1)25-50, 8 FIGS, 5 TABLES
- 800889** MALACEA, ION - 1968  
**UNTERSUCHUNGEN UBER DIE GEWOHNUNG DER FISCHE AN HOHE KONZENTRATIONEN TOXISCHER SUBSTANZEN**  
ARCH HYDROBIOL  
65(1)74-95, 15 FIGS
- 800890** PEARCY, WILLIAM G; OSTERBERG, CHARLES L - 1968  
**ZINC-65 AND MANGANESE-54 IN ALBACORE THUNNUS ALALUNGA FROM THE WEST COAST OF NORTH AMERICA**  
LIMNOL OCEANOGR  
13(3)490-498, 5 FIGS, 1 TABLE
- 800891** VERNICK, SANFORD H; CHAPMAN, GEORGE B - 1968  
**ULTRASTRUCTURE OF AXILLARY GLANDS OF THE TOADFISH OPSANUS TAU**  
CHESAPEAKE SCI  
9(3)182-197, 12 FIGS
- 800892** TOLLEFSON, THOR C ET ALIA - 1968  
**WASH DEP FISH ANNU REP 1965-66**  
223, 78 FIGS, 78 TABLES
- 800893** DOMANTAY, JOSE S - 1968  
**AQUATIC BIOLOGICAL RESOURCES OF THE PHILIPPINES**  
ACTA MANILANA SER A  
4(1)24-58, 6 TABLES
- 800894** ODUM, WILLIAM E - 1968  
**MULLET GRAZING ON A DINOFLLAGELLATE BLOOM**  
CHESAPEAKE SCI  
9(3)202-204, 2 FIGS
- 800895** HIROSE, KEIJI; HIBIYA, TAKASHI - 1968  
**PHYSIOLOGICAL STUDIES ON GROWTH-PROMOTING EFFECT OF PROTEIN-ANABOLIC STEROIDS ON FISH, I, EFFECTS ON GOLDFISH**  
BULL JAP SOC SCI FISH  
34(6)466-472, 11 FIGS, 4 TABLES
- 800896** HIROSE, KEIJI; HIBIYA, TAKASHI - 1968  
**PHYSIOLOGICAL STUDIES ON GROWTH-PROMOTING EFFECT OF PROTEIN-ANABOLIC STEROIDS ON FISH, II, EFFECTS OF 4- CHLOROTESTOSTERONE ACETATE ON RAINBOW TROUT**  
BULL JAP SOC SCI FISH  
34(6)473-481, 13 FIGS, 4 TABLES
- 800897** ISHII, TAKEO - 1968  
**STUDIES ON ESTIMATING PARAMETERS OF A FISH POPULATION SUPPLIED BY SEQUENTIAL RECRUITMENT-III, SIMULTANEOUS ESTIMATION OF PARAMETERS OF PACIFIC BIGEYE TUNA BY THE TRACING METHOD**  
BULL JAP SOC SCI FISH  
34(6)488-494, 6 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800898** ISHIWATA, NAONORI - 1968  
**ECOLOGICAL STUDIES ON THE FEEDING OF FISHES-I, SATIATION AMOUNT AS INDICATOR OF AMOUNT CONSUMED**  
BULL JAP SOC SCI FISH  
34(6)495-497, 1 FIG  
IN JAPANESE WITH ENGLISH SUMMARY
- 800899** ISHIWATA, NAONORI - 1968  
**ECOLOGICAL STUDIES ON THE FEEDING OF FISHES II ACCLIMATIZATION OF A SCHOOL OF FISH AND SATIATION AMOUNT**  
BULL JAP SOC SCI FISH  
34(6)498-502, 3 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800900** KAWAI, AKIRA; SAKAGUCHI, MORIHIKO - 1968  
**HISTIDINE METABOLISM IN FISH-II. FORMATION OF UROCANIC, FORMIMINOGLUTAMIC, AND GLUTAMIC ACIDS FROM HISTIDINE IN THE LIVERS OF CARP AND MACKEREL**  
BULL JAP SOC SCI FISH  
34(6)507-511, 4 FIGS, 2 TABLES
- 800901** HASHIMOTO, YOSHIRO; OKAICHI, TOMOTOSHI; DANG, LE DUNG; NOGUCHI, TAMAO - 1968  
**GLENODININE, AN ICHTHYOTOXIC SUBSTANCE PRODUCED BY A DINOFLLAGELLATE, PERIDINIUM POLONICUM**  
BULL JAP SOC SCI FISH  
34(6)528-534, 7 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800902** KIMURA, SHIGERU; KUBOTA, MINORU - 1968  
**STUDIES ON ELASTOIDIN-III, PROTEIN COMPONENTS OF SOLUBLE ELASTOIDIN**  
BULL JAP SOC SCI FISH  
34(6)535-540, 2 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800903** YAMADA, KINJIRO - 1968  
**POST-MORTEM BREAKDOWN OF TRIMETHYLAMINE OXIDE IN FISHES AND MARINE INVERTEBRATES**  
BULL JAP SOC SCI FISH  
34(6)541-551  
IN JAPANESE
- 800904** LUCKY, ZDENEK - 1968  
**VELVET AND WHITE SPOT DISEASE**  
PETFISH MONTHLY  
3(6)252-255, 5 FIGS
- 800905** ALI, M A - 1968  
**INHIBITION DE LA CONTRACTION DES MYOIDES DES CONES CHEZ LES TELEOSTEENS**  
C R HEBD SEANCES ACAD SCI PARIS SER D  
266(9)898-900, 3 FIGS
- 800906** BALLARD, WILLIAM W; DODES, LANCE MEREDITH - 1968  
**THE MORPHOGENETIC MOVEMENTS AT THE LOWER SURFACE OF THE BLASTODISC IN SALMONID EMBRYOS**  
J EXP ZOOL  
168(1)67-83, 18 FIGS
- 800907** SUNDARARAJ, BANGALORE I; GOSWAMI, SHASHI V - 1968  
**EFFECT OF SHORT- AND LONG-TERM HYPOPHYSECTOMY ON THE OVARY AND INTERRENAL OF CATFISH, HETEROPNEUSTES FOSSILIS (BLOCH)**  
J EXP ZOOL  
168(1)85-103, 20 FIGS, 1 TABLE
- 800908** HOUSTON, A H; DE WILDE, MARY ANNE - 1968  
**THERMOACCLIMATORY VARIATIONS IN THE HAEMATOLOGY OF THE COMMON CARP, CYPRINUS CARPIO**  
J EXP BIOL  
49(1)71-81, 2 FIGS, 1 TABLE
- 800909** SATCHELL, GEOFFREY H - 1968  
**THE GENESIS OF CERTAIN CARDIAC ARRHYTHMIAS IN FISH**  
J EXP BIOL  
49(1)129-141, 7 FIGS, 1 TABLE
- 800910** NEYFAKH, A A; ROTT, N N - 1968  
**A QUANTITATIVE APPROACH TO THE DETECTION OF NUCLEAR ACTIVITY AFTER DIFFERENTIAL DAMAGE TO NUCLEUS AND CYTOPLASM IN EARLY DEVELOPMENT**  
J EMBRYOL EXP MORPHOL  
20(1)129-140, 7 FIGS

- 800911 - 800935
- 800911 ABOUSSOUAN, A - 1968  
OEUF ET LARVES DE TELEOSTEENS DE L'OUEST  
AFRICAIN VII, LARVES DE SYACIUM GUINEENSIS  
(BLKR) (BOTHIDAE)  
BULL INST FOND AFR NOIRE SERA  
30(3)1188-1197, 7 FIGS
- 800912 SHINDE, G B - 1968  
ON CIRCUMONCOBOTHRIUM OPHIOCEPHALI N GEN, N SP  
FROM A FRESH WATER FISH (OPHIOCEPHALUS  
LEUCOPUNCTATUS) IN INDIA  
RIV PARASSITOL  
29(2)111-114, 1 FIG
- 800913 MOHAN, R S LAL; PATEL, P H - 1968  
A STUDY OF GROWTH RINGS IN OTOLITHS OF FISH BY  
MICRORADIOGRAPHY  
CURR SCI  
37(11)318-319 1 FIG
- 800914 THOMPSON, JOHN R - 1968  
PROGRESS IN EXPLORATORY FISHING AND GEAR  
RESEARCH IN REGION, 2 FISCAL YEAR 1967  
US FISH WILDLIFE SERV CIRC  
267:1-14, 13 FIGS
- 800915 DEJOURS, PIERRE; ARMAND, JACQUES;  
VERRIEST, GERARD - 1968  
CARBON DIOXIDE DISSOCIATION CURVES OF WATER AND  
GAS EXCHANGE OF WATER-BREATHERS  
RESP PHYSIOL  
5(1)23-33, 4 FIGS, 2 TABLES
- 800916 HEMMINGSEN, E A; DOUGLAS, EVERETT L - 1968  
METABOLISM IN THREE SPECIES OF NOTOTHENIA  
ANTARCTIC J U S  
8(4)131
- 800917 SIDDIQUI, ANWAR H; SIDDIQUI, A QAYYUM - 1968  
STUDIES ON THE CHEMICAL COMPOSITION OF INDIAN  
FRESH WATER MURREL, OPHIOCEPHALUS PUNCTATUS  
BLOCH AS RELATED TO ITS NUTRITIVE VALUE  
INDIAN J MED RES  
56(6)885-894, 2 FIGS, 4 TABLES
- 800918 HONMA, YOSHIHARU; KON, TOHSHI - 1968  
A CASE OF THE EPIDERMAL PAPILLOMA IN THE WITCH  
FLOUNDER FROM THE SEA OF JAPAN  
BULL JAP SOC SCI FISH  
34(1)1-5, 7 FIGS, 1 TABLE
- 800919 OGAWA, YOSHINORI - 1968  
MORPHOLOGICAL TRANSITION OF THE BRAIN  
COMPONENTS OF HORSE MACKEREL WITH THEIR  
BODY-GROWTH  
BULL JAP SOC SCI FISH  
34(1)11-16, 1 FIG  
IN JAPANESE WITH ENGLISH SUMMARY
- 800920 KARIYA, TEIJI; SHIRAHATA, SOICHIRO;  
NAKAMURA, YASUE - 1968  
AN EXPERIMENT TO ESTIMATE THE SATIATION RATE OF  
FEEDING IN FISH  
BULL JAP SOC SCI FISH  
34(1)29-35, 3 FIGS, 3 TABLES
- 800921 HIRAMOTO, KIKUO - 1968  
FISHERY BIOLOGY OF THE JAPANESE ANCHOVY IN THE  
WATERS OFF THE BOSO PENINSULA-I, MATURATION  
AND AGGREGATION OF THE LARGE-SIZED ADULTS AND  
DISTRIBUTION OF THE EGGS  
BULL JAP SOC SCI FISH  
34(1)36-43 8 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800922 IWAI, TAMOTSU; TANAKA, MASARU - 1968  
THE COMPARATIVE STUDY OF THE DIGESTIVE TRACT OF  
TELEOST LARVAE-III EPITHELIAL CELLS IN THE  
POSTERIOR GUT OF HALFBEAK LARVAE  
BULL JAP SOC SCI FISH  
34(1)44-48, 4 FIGS
- 800923 KATO, MASUO; NONAKA, SHIGEKI - 1968
- 800924 HASHIMOTO, YOSHIRO; KONOSU, SHOJI;  
FUSETANI, NOBUHIRO; NOSE, TAKESHI - 1968  
ATTRACTANTS FOR EELS IN THE EXTRACTS OF  
SHORT-NECKED CLAM-I SURVEY OF CONSTITUENTS  
ELICITING FEEDING BEHAVIOR BY THE OMISSION TEST  
BULL JAP SOC SCI FISH  
34(1)78-83, 4 FIGS, 1 TABLE  
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BULL JAP SOC SCI FISH  
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IN JAPANESE WITH ENGLISH SUMMARY
- 800926 THOMSON, KEITH STEWART - 1968  
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POSTILLA (YALE PEABODY MUSEUM)  
(122)1-6, 1 FIG
- 800927 HASCHEMEYER, AUDREY E V - 1968  
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OF AMINO ACIDS TO RNA  
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- 800929 BALON, EUGENIUSZ K - 1968  
URGEGESCHICHTE DER DONAU-ICHTHYOFAUNA (VOR DEM  
EINFLUSS SEITENS DES MENSCHEN)  
ARCH HYDROBIOL  
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- 800930 BALON, EUGENIUSZ K - 1968  
EINFLUSS DES FISCHFANGS AUF DIE  
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3(3)228-249, 2 FIGS
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J OCEANOGR SOC JAP  
24(2)14-59, 3 TABLES
- 800932 DIAZ-UNGRIA, CARLOS - 1968  
HEMINTOS DE PECES DE VENEZUELA CON DESCRIPCION  
DE UN GENERO Y TRES ESPECIES NUEVAS  
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27(113-114)537-549, 3 FIGS, 1 TABLE
- 800933 CADWALLADR, D A; STONEMAN, J - 1968  
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32(1)39-52, 1 FIG, 3 TABLES
- 800934 RAY, CLAYTON E; WETMORE, ALEXANDER;  
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- 800941 WAGSTAFFE, REGINALD; FIDLER, J HAVELOCK (ED)  
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CAN J ZOOL  
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- 800943 NELSON, JOSEPH S - 1968  
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CULAE INCONSTANS, FRESHWATER NINESPINE  
STICKLEBACKS, PUNGITIUS PUNGITIUS, AND  
FRESHWATER FOURSPINE STICKLEBACKS, APELTES  
QUADRACUS  
CAN J ZOOL  
46(4)663-667, 1 FIG
- 800944 OGAWA, MIZUHO - 1968  
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FOLLOWING REMOVAL OF THE CORPUSCLES OF STANNIUS  
OR THE PITUITARY GLAND  
CAN J ZOOL  
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- 800945 ALI, M A; ANCTIL, M; MOHIDEEN, H M - 1968  
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INTRAOCULAIRE CHEZ QUELQUES POISSONS MARINS DE  
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CAN J ZOOL  
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- 800946 WIEBE, JOHN P - 1968  
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DERIVATIVE  
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- 800947 KITZAN, SONJA; SWEENEY, PHILLIP R - 1968  
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STRUCTURE OF PROTOPTERUS ANNECTENS EPIDERMIS,  
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CAN J ZOOL  
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- 800948 RAO, G MADAN MOHAN - 1968  
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- 800949 NICOLA, STEPHEN J - 1968  
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(ONCORHYNCHUS GORBUSCHA) AND CHUM (O.KETA)  
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CAN J ZOOL  
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- 800952 YU, MING-JENN - 1968  
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(30)1-137, 57 FIGS
- 800953 MCFARLANE, A - 1968  
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- 800954 SCHAFER, A; SCHIPP, R; BASSLER, R - 1968  
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KUDA)  
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23(1/2)166-177, 7 FIGS
- 800955 NOBLE, ELMER R - 1968  
THE FLAGELLATE CRYPTOBIA IN TWO SPECIES OF  
DEESEA FISHES FROM THE EASTERN PACIFIC  
J PARASITOL  
54(4)720-724, 3 FIGS, 1 TABLE
- 800956 DURIO, WALTER O; MANTER, HAROLD W - 1968  
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NEW CALEDONIA PART II, OPECOELIDAE AND  
LEPOCREADIIDAE  
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54(4)747-756, 19 FIGS
- 800957 FISCHTHAL, JACOB H; THOMAS, J D - 1968  
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DIGENETIC TREMATODE FROM AN ESTUARINE FISH FROM  
GHANA  
J PARASITOL  
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SPOTTED SUCKER, MINYTREMA MELANOPS (RAF)  
(CATOSTOMIDAE)  
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SARDINE  
CURR SCI  
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- 800960 MARKERT, J R; VANSTONE, W E - 1968  
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- 800961 MILLIMAN, JOHN D; MANHEIM, FRANK T - 1968  
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DEEPSEA RES OCEANOGR ABSTR  
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- 800962 WOLFF, DIETER L - 1968  
DAS HORVERMOGEN DES KAULBARSCHES (ACERINA  
CERNUA L) UND DES ZANDERS (LUCIOPERCA SANDRA  
CUV UND VAL)  
Z VERGL PHYSIOL  
60(1)14-33, 13 FIGS, 2 TABLES
- 800963 BLUM, VOLKER - 1968  
DIE AUSLOSUNG DES LAICHEREFLEXES DURCH RESERPIN  
BEI DEM SUDAMERIKANISCHEN BUNTBARSCHE  
PTEROPHYLLUM SCALARE  
Z VERGL PHYSIOL  
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- 800964 RASTOGI, RAKESH K - 1968  
ON THE UROGENITAL ORGANS OF THE INDIAN MUD-EEL,  
AMPHIPNOUS CUCHIA (HAM)  
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- 800965 SRIVASTAVA, C B - 1968  
ON A COLLECTION OF FISHES FROM TIRAP FRONTIER  
DIVISION, NEFA, INDIA  
J ZOOL SOC INDIA  
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- 800966 ANONYMOUS - 1968  
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- 800967 PETER, RICHARD E; GORBMAN, A - 1968  
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OF THE GOLDFISH  
NEUROENDOCRINOLOGY  
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- 800968 ROCHOW-MEYER, VIKTOR B - 1968  
MIKROSKOPIE AUF HOHER SEE, SEEFISCHEIR IM  
LEBENDPRAPARAT  
MIKROKOSMOS  
57(9)265-268, 6 FIGS
- 800969 STILLGER, EBERHARD - 1968  
EIN HUPFERLING SCHMAROTZT AN FLUNDERN:  
LEPEOPHTEIRUS PECTORALIS  
MIKROKOSMOS  
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- 800970 ONO, YOSHIKI; UEMATSU, TATSUMI - 1968  
EXPERIMENTAL ANALYSIS OF THE SIGN STIMULI IN  
THE MATING BEHAVIOUR IN ORYZIAS LATIPES  
JAP J ECOL  
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- 800971 SWARUP, KRISHNA - 1968  
SEXUAL DIMORPHISM IN THE GAR FISH, XENENTODON  
CANCILA  
CURR SCI  
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- 800972 GIERE, OLAV - 1968  
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ELBE-AESTURA- BEZIEHUNGEN ZWISCHEN  
POPULATIONSSCHWANKUNGEN UND HYDROGRAPHISCHEN  
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ARCH HYDROBIOL SUPPL  
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- 800973 SZABO, Z S; MOLNAR, BELA - 1968  
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DEN ADRENOCORTICOTROPEN ZELLEN DER HYPOPHYSE
- 800974 SCOTT, E O G - 1968  
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A REJOINDER  
REC QUEEN VICTORIA MUS LAUNCESTON  
(29)1-10, 1 TABLE
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BLACK BASS MICROPTERUS SALMOIDES (LACEPEDE)  
INTO NEW ZEALAND  
J MAR FRESHWATER RES  
2(2)149-161
- 800976 WOODS, C S - 1968  
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IDENTIFICATION OF WHITEBAIT (GALAXIAS SPP,  
SALMONOIDEA)  
J MAR FRESHWATER RES  
2(2)162-182, 13 FIGS, 1 TABLE
- 800977 PAUL, L J - 1968  
EARLY SCALE GROWTH CHARACTERISTICS OF THE NEW  
ZEALAND SNAPPER CHRYSOPHRYS AURATUS (FORSTER)  
WITH REFERENCE TO SELECTION OF A SCALE SAMPLING  
SITE  
J MAR FRESHWATER RES  
2(2)273-92, 6 FIGS, 3 TABLES
- 800978 FISH, G R; ALLEN, RICHARD L; FAIRBURN, H S  
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AN EXAMINATION OF THE TROUT POPULATION OF FIVE  
LAKES NEAR ROTORUA, NEW ZEALAND  
J MAR FRESHWATER RES  
2(2)333-362, 10 FIGS, 8 TABLES
- 800979 HARRINGTON, ROBERT W JR; KALLMAN, KLAUS D  
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THE HOMOZYGOSITY OF CLONES OF THE  
SELF-FERTILIZING HERMAPHRODITIC FISH, RIVULUS  
MARMORATUS POEY (CYPRINODONTIDAE,  
ATHERINIFORMES)  
AMER NATUR  
102(926)337-343, 1 FIG
- 800980 EL-SAYD, M L - 1968  
THE INFLUENCE OF WATER MASS TRANSFORMATION IN  
THE NEAR-SHORE REGION OF THE DANUBE RIVER IN  
THE BLACK SEA UPON THE REPRODUCTION OF  
ANCHOVIES  
OKEANOLOGIYA  
8(4)714-717, 2 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800981 TORTONESE, ENRICO; CAUTIS, ILENA - 1968  
GLI STORIONI  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)3-5, 2 FIGS
- 800982 GHITTINO, P - 1968  
LOTTA SISTEMATICA CONTRO L'HEXAMITIASI DELLE  
TROTELLINE  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)8-10, 4 FIGS
- 800983 STRICKLAND, K L; CARBERY, J T - 1968  
ULCERATIVE DERMAL NECROSIS (UDN) OF SALMON IN  
IRELAND  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)12-14, 4 FIGS
- 800984 GHITTINO, P - 1968  
GRAVE ENZOOZIA DI SETTICEMIA EMORRAGICA VIRALE  
IN TROTE FARIO DI ALLEVAMENTO (SALMO TRUTTA)  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)17-19, 5 FIGS, 1 TABLE
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800987	FRANKENBERG, ROGER - 1968 TWO NEW SPECIES OF GALAXIID FISHES FROM THE LAKE PEDDER REGION OF SOUTHERN TASMANIA AUST ZOO 14(3)268-274, 3 TABLES	801001	HARALDSVIK, STEINAR - 1968 RAPPORT OM SILDETOKT MED F/F GO SARS TIL NORDSJOEN OG SKAGERAK 18 OKTOBER TIL 8 NOVEMBER 1967 FISKEN HAVET (2)9-12, 4 FIGS, 2 TABLES	
800988	YALDWYN, J C - 1968 RECORDS OF, AND OBSERVATION ON, THE CORAL SHRIMP GENUS STENOPUS IN AUSTRALIA, NEW ZEALAND AND THE SOUTHWEST PACIFIC AUST ZOO 14(3)277-289, 2 FIGS	801002	DANIELSSEN, DIDRIK S; TVEITE, STEIN - 1968 FOREKOMST AV SILDELARVER I EN SPESIALLAGET 5DELT OVERFLATEHAV PA TOKTER TIL JOMFRULAND I APRIL OG TIL KATTEGAT I OKTOBER 1967 FISKEN HAVET (2)13-15, 2 FIGS, 2 TABLES	
800989	OGAWA, MIZUHO - 1968 SEASONAL DIFFERENCE OF GLOMERULAR CHANGE OF THE MARINE FORM OF THE STICKLEBACK, GASTEROSTEUS ACULEATUS L, AFTER TRANSFERRED INTO FRESH WATER SCI REP SAITAMA UNIV SER B 5(2)117-123, 1 FIG, 1 TABLE	801003	DEVOLD, FINN - 1968 RAPPORT I FORBINDELSE MED VINTERSILDINNSIGENE 1968 FISKEN HAVET (2)16-19, 5 FIGS	
800990	LESTER, R J G - 1968 FEEDING OF PRIACANTHUS TAYENUS AND P. MACRACANTHUS NEAR HONG KONG PUBL SETO MAR BIOL LAB 14(1)1-6, 4 TABLES	801004	HARALDSVIK, STEINAR; LJOEN, RIKARD - 1968 SILDEUNDERSOKELSER I NORDSJOEN SOMMEREN 1967 FISKEN HAVET (2)20-26, 7 FIGS, 2 TABLES	
800991	BERN, HOWARD A; CHIEFFI, GIOVANNI - 1968 BIBLIOGRAPHY ON THE STEROID HORMONES OF FISHES PUBBL STA ZOO NAPOLI 36(2)287-320	801005	ITO, TAKEO - 1968 POLLUTION AND FISHERIES IN INLAND WATERS NOTO MAR LAB ANNU REP 8:35-43	
800992	HENDERSON, WILLIAM H; WINCKLER, SUZANNE - 1968 A WINNING COMBINATION TEX PARKS WILDLIFE 26(10)26-28, INSIDE FRONT COVER, 6 FIGS	801006	MATIDA, YOSHIHIRO - 1968 DELETERIOUS EFFECT OF AGRICULTURAL CONTROL CHEMICALS TO FRESH-WATER FISHERIES NOTO MAR LAB ANNU REP 8:59-69, 5 FIGS, 2 TABLES	
800993	ANONYMOUS - 1968 AUSTRALIAN SNAPPER FISHERY AUST FISH NEWSLETT 27(8)25-26	801007	KHLEBOVICH, V V - 1968 OSMOTIC REGULATION IN THE THREE-SPINED STICKLEBACK (GASTEROSTEUS ACULEATUS L) IN WATER OF DIFFERENT SALINITY ZOO ZH 47(4)591-594, 3 FIGS	
800994	BRADSHAW, SIDNEY D; FONTAINE-BERTRAND, ELIZABETH - 1968 LE CORTISOL DANS LE PLASMA DE L'ANGUILLE, DOSE PAR FLUORIMETRIE ET PAR INHIBITION COMPETITIVE DE LA LIAISON SPECIFIQUE CORTISOLTRANSORTINE, INFLUENCE DE DIVERSES CONDITIONS EXPERIMENTALES CR HEBD SEANCES ACAD SCI PARIS SER D 267(9)894-897, 2 FIGS, 1 TABLE	801008	SKINNER, MORRIS F; SKINNER, SHIRLEY M; GOORIS, RAYMOND J - 1968 CENOZOIC ROCKS AND FAUNAS OF TURTLE BUTTE, SOUTH-CENTRAL SOUTH DAKOTA BULL AMER MUS NATUR HIST 138(7)379-436, 23 FIGS, 7 TABLES	
800995	COOPER, GERALD P - 1968 FOR BIGGER BLUEGILLS MICH CONSERV 37(2)24-27, 4 FIGS	801009	KIDOKORO, Y - 1968 DIRECT INHIBITORY INNERVATION OF TELEOST OCULOMOTOR NEURONS BY CEREBELLAR PURKINJE CELLS BRAIN RES 10(3)453-456, 1 FIG	
800996	GREENFIELD, DAVID W; WILEY, JAMES W - 1968 GEOGRAPHIC VARIATION IN THE CLINGFISH, GOBIOSEX EUGRAMMUS BRIGGS TRANS SAN DIEGO SOC NATUR HIST 15(10)141-147, 3 FIGS, 2 TABLES	801010	EVERSON, INIGO - 1968 LARVAL STAGES OF CERTAIN ANTARCTIC FISHES BRIT ANTARCTIC SURV BULL (16)65-70, 5 FIGS, 3 TABLES	
800997	ANONYMOUS - 1968 SCOT MAR BIOL ASS ANN U REP 1967-68 1-69, 8 FIGS, 2 TABLES	801011	YOUNG, P C - 1968 THE TAXONOMY OF SOME DACTYLOGYRID MONOGENOIDEA FROM AUSTRALIAN FISHES ZOO ANZ 180(3/4)269-279, 3 FIGS	
800998	BLACKETT, ROGER F - 1968 SPAWNING BEHAVIOR, FECUNDITY, AND EARLY LIFE HISTORY OF ANADROMOUS DOLLY VARDEN SALVELINUS MALMA (WALBAUM) IN SOUTHEASTERN ALASKA ALASKA DEP FISH GAME RES REP (6)1-85, 61 FIGS, 24 TABLES	801012	SZABO, Z S; MOLNAR, BELA - 1968 DAS NEUROSEKRETORISCHE PRAEOPTICOHYPHOPHYSARE	

- 801013 - 801037
- SYSTEM BEI TELEOSTIERN VERSCHIEDENER  
LEBENSWEISE  
ZOOLOG. ANZ.  
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- 801013 ERICSSON, JAN L E; SELJELID, ROLF - 1968  
ENDOCYTOSIS IN THE URETERIC DUCT EPITHELIUM OF  
THE HAGFISH (MYXINE GLUTINOSA L.)  
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- 801014 OLIVEREAU, MADELEINE - 1968  
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THE HYPOPHYSIS OF THE RADIOHYDROECTOMIZED EEL  
Z. ZELLFORSCH.  
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- 801015 DAVIES, ELIZABETH H - 1968  
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RIVER LUGG  
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SPECIES OF GLUGEA (MICROSPORIDIA, NOSEMATIDAE)  
IN THE 4-SPINED STICKLEBACK APLETES QUADRACUS  
J. PROTOZOOLOG.  
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- 801017 WALLIKER, D - 1968  
THE NATURE OF THE IODINOPHILOUS VACUOLE OF  
MYXOSPORIDIAN SPORES AND A PROPOSAL TO  
SYNONYMIZE THE GENUS MYXOSOMA THELOHAN, 1892  
WITH THE GENUS MYXOBOLUS BUTSCHLI, 1882  
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- 801018 MEGUTSCH, PAUL A; MEGUTSCH, ALISON M - 1968  
DISPOSITION OF PROF R R KUDO'S MYXOSPORIDIAN  
TYPE MATERIAL  
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ON THE EVOLUTION OF THE PSAMMOSTEIDS  
(HETEROSTRACI)  
EESTI NSV TEAD AKAD TOIM BIOL SER  
17(3):278-284, 4 FIGS  
IN RUSSIAN
- 801020 FRANK, STANISLAV - 1968  
PERCOTTUS GLEHNI DYBOWSKI 1877  
AQUA TERRA  
5(6):149, 1 FIG  
IN GERMAN
- 801021 ANONYMOUS - 1968  
RARE TROPICAL RAY CAUGHT OFF NEWCASTLE  
FISHERMAN  
3(2):19, 1 FIG
- 801022 GERB, JACQUES - 1968  
POISSONS DU BASSIN DE L'IVINDO, IV, NOTE SUR LA  
NOMENCLATURE DES MORMYRIDAE  
BIOL. GABONICA  
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- 801023 PRICE, CHARLES E; GERB, JACQUES - 1968  
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SUR LES TREMATODES MONOGENETIQUES, ET  
DESCRIPTION DE SIX NOUVELLES ESPECES PARASITES  
DU GENRE BARBUS  
BIOL. GABONICA  
4(4):103-108, 38 FIGS
- 801024 FROTZLER, ROGER - 1968  
DER MALAWI SEE UND SEINE FISCHE  
AQUARIEN TERRARIEN Z.  
20(10):296-301, 5 FIGS
- 801025 VAN DEN NIEUWENHUIZEN, AREND - 1968  
DAS BLUT KRIECHT DORTHIN WOHN ES NICHT FLIESST  
(HOLLANDISCHES SPRICHWORT)  
AQUARIEN TERRARIEN Z.  
21(9):257-260, (10):293-295, 5 FIGS
- 801026 MALSERVISI, ANGELO; MAGNIN, ETIENNE - 1968  
CHANGEMENTS CYCLIQUES ANNUELS SE PRODUISANT  
DANS LES OVAIRES DE PERCA FLUVIATILIS  
FLAVESCENS (MITCHELL) DE LA REGION DE MONTREAL  
NATUR. CAN.  
95(4):929-945, 18 FIGS
- 801027 MAGNIN, ETIENNE; BEAULIEU, GERARD - 1968  
DEPLACEMENTS DU DORE JAUNE STIZOSTEDION VITREUM  
(MITCHELL) DU FLEUVE SAINT-LAURENT D'APRES LES  
DONNEES DU MARQUAGE  
NATUR. CAN.  
95(4):897-905, 1 FIG, 4 TABLES
- 801028 DUBOIS, ALFRED; LAGUEUX, ROBERT - 1968  
ETUDE COMPAREE DE L'AGE OTOLITHIQUE DE LA  
TOULADI, SALVELINUS NAMAYCUSH, LAC MISTASSINI  
QUEBEC  
NATUR. CAN.  
95(4):907-928, 5 FIGS, 9 TABLES
- 801029 HONMA, YOSHIHARU - 1968  
A PRELIMINARY LIST OF SOME MARINE ANIMALS FROM  
THE SEASHORE OF NIIGATA CITY FACED ON THE JAPAN  
SEA  
SCI. REP. NIIGATA UNIV. SER. D. BIOL.  
(3):25-45, 13 FIGS
- 801030 HOSHINA, TOSHIKAZU; KARIYA, TEIJI - 1968  
ON THE BACTERIAL DISEASES OF FRESH WATER FISHES  
BULL. JAP. SOC. SCI. FISH.  
34(3):237-239 + 271  
IN JAPANESE WITH ENGLISH SUMMARY
- 801031 AKAZAWA, HITOMI - 1968  
BACTERIAL DISEASES OF MARINE FISHES  
BULL. JAP. SOC. SCI. FISH.  
34(3):240-246 + 271-272  
IN JAPANESE WITH ENGLISH SUMMARY
- 801032 KAWATSU, HIROSHI; KIMURA, TAKAHISA; SANDO, TOKUO  
1968  
IMMUNE RESPONSE OF FISH  
BULL. JAP. SOC. SCI. FISH.  
34(3):246-253 + 272-273  
IN JAPANESE WITH ENGLISH SUMMARY
- 801033 KUSUDA, SABUROH; TANAKA, JIRO; HARA, TAKESHI  
1968  
ON THE CONTROL OF BACTERIAL DISEASE IN FISHES  
BULL. JAP. SOC. SCI. FISH.  
34(3):253-262 + 274-276  
IN JAPANESE WITH ENGLISH SUMMARY
- 801034 EGUSA, SYUZO; KUSUDA, RIICHI; SHIMIZU, MASANAO  
1968  
BASIC PROBLEMS OF THE STUDY OF BACTERIAL FISH  
DISEASE  
BULL. JAP. SOC. SCI. FISH.  
34(3):262-269, 276-277  
IN JAPANESE WITH ENGLISH SUMMARY
- 801035 WELCH, HAROLD E - 1968  
RELATIONSHIPS BETWEEN ASSIMILATION EFFICIENCIES  
AND GROWTH EFFICIENCIES FOR AQUATIC CONSUMERS  
ECOLOGY  
49(4):755-759, 2 FIGS, 1 TABLE
- 801036 BLUME, H W; RENNER, E - 1968  
WIRTSCHAFTSZWEIGKONFERENZ DER BINNENFISCHEREI  
DEUT. FISCH. ZTG.  
15(8):209-222, 1 TABLE
- 801037 ANONYMOUS - 1968  
ENTSCHEIDUNG DER TEILNEHMER DER  
WIRTSCHAFTSZWEIGKONFERENZ DER VVB  
BINNENFISCHEREI AM 28 JUNI 1968 IN LEIPZIG



	DEUT FISCH ZTG 15(8)222-227, 3 FIGS	801050	KUNZ, EMIL - 1968 DIE OODINIUMKRANKHEIT UND DER AMMONIAK. IST OODINIUM IM AQUARIUM EIN SCHWACHEPARASIT? AQUARIEN MAG (10)436-437, 2 FIGS	801038 - 801062
801038	MULLER, W - 1968 DIAGRAMME ZUR BEURTEILUNG DER FUTTERKOSTEN IN DER KARPFFENPRODUKTION DEUT FISCH ZTG 15(8)228-230, 3 FIGS	801051	MUHL, GERHARD - 1968 CHEMISCHE ANALYSEN FUR JEDERMANN? EIN GERAT, DAS DEM AQUARIANER DIE CHEMIE ERLEICHTERT AQUARIEN MAG (10)438-439, 1 FIG	
801039	STEFFENS, W - 1968 ZUWACHS UND FUTTERVERWERTUNG VON REGENBOGENFORELLEN BEI VERWENDUNG VON TROCKENMISCHFUTTER DEUT FISCH ZTG 15(8)231-234, 3 TABLES	801052	CIARDELLI, ALEJANDRO - 1968 THE ANATOMY OF THE FEEDING MECHANISM AND THE FOOD HABITS OF MICROPATHODON CHRYSURUS (PISCES: POMACENTRIDAE) BULL MAR SCI 17(4)845-883, 33 FIGS, 1 TABLE	
801040	BERGERON, JULIEN - 1968 CAPTURE D'UN POISSON-TAPIR NOTACANTHUS NASUS BLOCH (NOTACANTHIDAE) A L'ENTREE DU GOLFE SAINT-LAURENT NATUR CAN 95(4)1031-1032	801053	ANDERSON, WILLIAM W; GUTHERZ, ELMER J - 1968 REVISION OF THE FLATFISH GENUS TRICHOPSETTA (BOTHIDAE) WITH DESCRIPTIONS OF THREE NEW SPECIES BULL MAR SCI 17(4)892-913, 9 FIGS, 6 TABLES	
801041	MARLIER, G - 1968 ETUDE SUR LES LACS DE L'AMAZONIE CENTRALE III. LES POISSONS DU LAC REDONDO ET LEUR REGIME ALIMENTAIRE; LES CHAINES TROPHIQUES DU LAC REDONDO; LES POISSONS DU RIO PRETO DA EVA CAD AMAZONIA 2:21-57	801054	LAMOTHE-ARGUMENTO, RAFAEL - 1968 MONOGENEOS DE PECES III. POLYMICROCOTYLE MANIERI, GEN NOV, SP NOV, (MICROCOTYLINAE) PARASITO DE PECES DE LA COSTA DEL PACIFICO DE MEXICO BULL MAR SCI 935-948, 7 FIGS	
801042	POTTER, I C; STRAHAN, RONALD - 1968 THE TAXONOMY OF THE LAMPREYS GEOTRIA AND MORDACIA AND THEIR DISTRIBUTION IN AUSTRALIA PROC LINNEAN SOC LONDON 179(2)229-240, 4 FIGS, 3 TABLES	801055	IGA, T - 1968 ACTION OF NORMETANEPHRINE AND ITS RELATED COMPOUNDS ON THE MELANOPHORES IN THE TELEOST, ORYZIAS LATIPES ZOOLOG MAG 77(5)141-145, 4 FIGS IN JAPANESE WITH ENGLISH SUMMARY	
801043	LEFFLER, MANFRED - 1968 ERLEBNISSE UND ERFAHRUNGEN BEI DER HALTUNG UND ZUCHT DES SCHEIBENBARSCHES, MESOGONISTUS CHAETODON AQUARIEN TERRARIEN 21(9)267-270 + 21(10)303-304, 2 FIGS	801056	OGAWA, N; OHI, Y - 1968 ON THE CHORION AND THE HATCHING ENZYME OF THE MEDAKA, ORYZIAS LATIPES ZOOLOG MAG 77(5)151-156, 7 FIGS IN JAPANESE WITH ENGLISH SUMMARY	
801044	VAN DEN NIEUWENHUIZEN, AREND - 1968 TILAPIA THOLLONI MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(9)292-295, 8 FIGS	801057	MOLLER, DAG - 1968 GENETIC DIVERSITY IN SPAWNING COD ALONG THE NORWEGIAN COAST HEREDITAS 60(1/2)1-32, 5 FIGS, 8 TABLES	
801045	HOHL, DIETER - 1968 LAMPROLOGUS CONGOLENSIS...GEDANKEN ZU EINER NEUHEIT MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(9)298-299, 1 FIG	801058	FRANKE, HANNS-JOACHIM - 1968 CARNEGIELLA MARTHA MYERS, 1927 AQUA TERRA 5(10)77-80, 3 FIGS	
801046	RICHTER, HANS JOACHIM - 1968 ZUR PAARUNGSETHOLOGIE DER LABYRINTHFISCHE WELCHES GESCHLECHT BESTIMMT DEN LAICHPLATZ MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(9)315	801059	SWEDMARK, MARTHA - 1968 SUR LA VARIATION GEOGRAPHIQUE DE GOBIUS MINUTUS PALLAS IL CARACTERES MORPHOLOGIQUES CHROMATIQUES ET NUMERIQUES CAH BIOL MAR 9(3)297-345, 6 FIGS, 10 TABLES	
801047	ZUKAL, RUDA - 1968 DER VERTRAGLICHE CICHLEDE, DER FLAGGENBUNTBARSCHE IST NICHT AGGRESSIV AQUARIEN MAG (10)404-407, 10 FIGS	801060	RAVIOLA, ELIO; RAVIOLA, GIUSEPPINA - 1968 IL MUSCOLO DEL CRISTALLINO DELL'OCCHIO DELLA TROTA IRIDEA (SALMO IRIDEUS) MORFOLOGIA MICROSCOPICA E ULTRAISTRUTTURA ARCH ITAL ANAT EMBRIOL 73(3)225-262, 15 FIGS	
801048	PENZES, BETHEN - 1968 DER NIMMERSATTE VEGETARIER, GRASKARPEN-AUCH IM AQUARIUM AQUARIEN MAG (10)417-419, 5 FIGS	801061	PAFFENHOFER, G A; ROSENTHAL, H - 1968 TROCKENGEWICHT UND KALORIEGEGHALT SICH ENTWICKELNDER HERINGSEIER HELGOLAENDER WISS MEERESUNTERS 18(1/2)45-52, 3 FIGS, 2 TABLES	
801049	GERLACH, MAGNUS; FEUCHT, HEINZ - 1968 GESUNDHEITSPOLIZEI IM URWALDFLUSS, DIE GERFUCHTETEN PIRANHAS SIND VERWANDTE DER BELIEBTESTEN NEONFISCHE AQUARIEN MAG (10)424-425, 3 FIGS	801062	FLUCHTER, J; PANDIAN, T J - 1968 RATE AND EFFICIENCY OF YOLK UTILIZATION IN DEVELOPING EGGS OF THE SOLE SOLEA SOLEA	

- 801063 KOTTHAUS, ADOLF - 1968  
EIN SELTENER BATHYPELAGISCHER FISCH (FAMILIE  
MELANOSTOMIATIDAE) AUS DEM ÖSTLICHEN ATLANTIK  
HELGOLAENDER WISS MEERESUNTERS  
18(1/2)61-68, 3 FIGS, 1 TABLE
- 801064 TESCH, F W - 1968  
SALINITÄTSTOLERANZ DES PARASITISCHEN CILIATEN  
ICHTHYOPHTHIRIUS MULTIFILIIS  
HELGOLAENDER WISS MEERESUNTERS  
18(1/2)130-135, 1 TABLE
- 801066 ENGSTROM-HEG, ROBERT - 1968  
DIET AND GROWTH OF JUVENILE SALMON IN AN  
ESTUARIAL IMPOUNDMENT  
WASH DEP FISH RES BULL  
3(1)5-26, 9 FIGS, 6 TABLES
- 801067 JEWELL, EARLE D - 1968  
SCUBA DIVING OBSERVATIONS ON LINGCOD SPAWNING  
AT A SEATTLE BREAKWATER  
WASH DEP FISH RES BULL  
3(1)27-36, 2 FIGS, 3 TABLES
- 801068 DIDONATO, GENE - 1968  
THE WASHINGTON TROLL PINK SALMON (ONCORHYNCHUS  
GORBUSCHA) FISHERY THROUGH 1965  
WASH DEP FISH RES BULL  
3(1)37-50, 3 FIGS, 8 TABLES
- 801069 SENN, HARRY G; NOBLE, RICHARD E - 1968  
CONTRIBUTION OF COHO SALMON ONCORHYNCHUS  
KISUTCH FROM A COLUMBIA RIVER WATERSHED  
HATCHERY  
WASH DEP FISH RES BULL  
3(1)51-62, 2 FIGS, 11 TABLES
- 801070 BERGMAN, PETER K; FISCUS, HUGH F; JEFFERTS, K  
B; HAGER, ROBERT C - 1968  
A PRELIMINARY EVALUATION OF AN IMPLANTED CODED  
WIRE FISH TAG  
WASH DEP FISH RES BULL  
3(1)63-84, 20 FIGS, 3 TABLES
- 801071 DIDONATO, GENE - 1968  
THE INCIDENCE OF MOUTH INJURIES ON PACIFIC  
SALMON (GENUS ONCORHYNCHUS) IN WASHINGTON  
WASH DEP FISH RES BULL  
3(1)85-92, 2 FIGS, 7 TABLES
- 801072 MATHEWS, STEPHEN B; WENDLER, HENRY O - 1968  
ECONOMIC CRITERIA FOR DIVISION OF CATCH BETWEEN  
SPORT AND COMMERCIAL FISHERIES WITH SPECIAL  
REFERENCE TO COLUMBIA RIVER CHINOOK SALMON  
WASH DEP FISH RES BULL  
3(1)93-104, 2 FIGS, 4 TABLES
- 801073 THOMSON, KEITH STEWART - 1968  
A NEW DEVONIAN FISH (CROSSOPTERYGII:  
RHIPIDISTIA) CONSIDERED IN RELATION TO THE  
ORIGIN OF THE AMPHIBIA  
POSTILLA(YALE PEABODY MUSEUM)  
1-13, 13 FIGS
- 801074 TAKEUCHI, KUNISUKE - 1968  
SPECIFICITY OF CAROTENOID TRANSFER IN THE  
LARVAL MEDAKA, ORYZIAS LATIPES  
J CELL PHYSIOL  
72(1)43-48, 3 FIGS, 3 TABLES
- 801075 SLICHER, ANNA M; PICKFORD, GRACE E - 1968  
TEMPERATURE-CONTROLLED STIMULATION OF  
HEMOPOIESIS IN A HYPOPHYSECTOMIZED CYPRINODONT  
FISH FUNDULUS HETEROCALITUS  
PHYSIOL ZOOLOG  
41(3)293-297, 2 TABLES
- 801076 MEYWALD, KURT - 1968
- 801077 MILLS, R C - 1968  
THE OBLIGING SILVER TIPPED TETRA  
AQUARIST AND PONDKPR  
OCT568
- 801078 VINCENT, FREDERIC - 1968  
SPAWNING ECOLOGY OF THE WHITE BASS ROCCUS  
CHRYSOPTERUS (RAFINESQUE) IN UTAH LAKE, UTAH  
GREAT BASIN NATUR  
28(2)63-69, 3 FIGS
- 801079 GUSEV, A G; IVANOVA, M B, EDITED BY - 1968  
FISH AND FISHERIES IN THE NEVA RIVER AND THE  
INFLUENCE OF POLLUTION  
IN: POLLUTION AND SELF PURIFICATION IN THE NEVA  
RIVER  
TR ZOOLOG INST ACAD SSSR, 45, 258-271, 3 FIGS, 6  
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IN RUSSIAN
- 801080 BLANCHETE-AUDEZERE, CORYSE - 1968  
HYPERGLYCEMIE ET RETARD DE CROISSANCE CHEZ  
LEBISTES RETICULATUS  
C R SEANCES SOC BIOL  
162(2)334-338, 2 FIGS
- 801081 POTTS, GEOFFREY W - 1968  
THE ETHOLOGY OF CRENILABRUS MELANOCERCUS WITH  
NOTES ON CLEANING SYMBIOSIS  
J MAR BIOL ASS UK  
48(2)279-293, 6 FIGS, 1 TABLE
- 801082 SOUTHWARD, A J; SOUTHWARD, EVE C - 1968  
ON A WHOLE ANIMAL METHOD FOR THE HISTOCHEMICAL  
LOCALIZATION OF ENZYMES UNDER FIELD CONDITIONS  
J MAR BIOL ASS UK  
48(2)323-334, 9 FIGS
- 801083 DAVEY, J T; PEACHEY, J E - 1968  
BOTHRIOCERATUS SCORPII (CESTODA,  
PSEUDOPHYLLIDAE) IN TURBOT AND BRILL FROM  
BRITISH COASTAL WATERS  
J MAR BIOL ASS UK  
48(2)335-340, 3 FIGS, 1 TABLE
- 801084 FORSTER, G R - 1968  
LINE FISHING ON THE CONTINENTAL SLOPE, II.  
J MAR BIOL ASS UK  
48(2)479-483, 1 TABLE
- 801085 LIVINGSTON, ROBERT J - 1968  
A VOLUMETRIC RESPIROMETER FOR LONG-TERM STUDIES  
OF SMALL AQUATIC ANIMALS  
J MAR BIOL ASS UK  
48(2)485-497, 8 FIGS
- 801086 MAKAREWICZ, W - 1968  
TEMPERATURE DEPENDENCE OF FISH MUSCLE  
AMPAMIHYDROLASE  
J MAR BIOL ASS UK  
48(2)535-542, 2 FIGS, 2 TABLES
- 801087 SAITO, SUSUMU; SHIMIZU, TAKAO - 1968  
A NEW TREMATODE, METAGONIMUS OTSURUI SP NOV  
FROM THE FRESH-WATER FISHES (TREMATODA:  
HETEROPHYIDAE)  
JAP J PARASITOL  
17(3)167-174, 12 FIGS
- 801088 HOPKINS, C R; BAKER, BRIDGET I - 1968  
THE FINE STRUCTURAL LOCALIZATION OF ACID  
PHOSPHATASE IN THE PROLACTIN CELL OF THE EEL  
PITUITARY  
J CELL SCI  
3(3)357-364, 9 FIGS
- 801089 DORNESCO, G T; MISCALENCO, D - 1968

- ETUDE COMPARATIVE DES BRANCHIES DE QUELQUES  
ESPECES DE L'ORDRE CLUPEIFORMES  
GEGENBAURS MORPHOL JAHR  
112(2)261-276, 12 FIGS
- 801090 SANO, NORITATSU - 1968  
ON SOME TECHNIQUES OF DETECTING SALMON BY THE  
ECHO SOUNDING METHOD-II. ON THE TRIAL OF  
HORIZONTAL FISH FINDER FOR SALMON  
BULL JAP SOC SCI FISH  
34(8)670-680, 4 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801091 CHIKUNI, SHIRO - 1968  
ON THE SCALE CHARACTERS OF THE PACIFIC OCEAN  
PERCH IN THE BERING SEA-I. SOME SCALE  
CHARACTERS AND THEIR VARIATIONS BY BODY REGIONS  
BULL JAP SOC SCI FISH  
34(8)681-686, 7 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 801092 MASUZAWA, HISASHI; MATSUURA, HIDEKI 1968  
STUDIES ON RESOURCES OF PARAPRISTIPOMA  
TRILINEATUM-II. SPAWNING SEASON  
BULL JAP SOC SCI FISH  
34(8)655-659, 2 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 801093 SANO, NORITATSU - 1968  
ON SOME TECHNIQUES OF DETECTING SALMON BY THE  
ECHO SOUNDING METHOD-I. ESTIMATION OF THE  
FISHING GROUNDS OF SALMON ACCORDING TO SWIMMING  
SPEED AND SWIMMING DEPTH CALCULATED FROM ECHO  
TRACES ON RECORDING PAPERS  
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34(8)660-669, 4 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801094 OGURI, MIKIO; OMURA, YURI; HIBIYA, TAKASHI  
1968  
UPTAKE OF 14 C-LABELLED 5 HYDROXYTRYPTOPHAN  
INTO THE PINEAL ORGAN OF RAINBOW TROUT  
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34(8)687-690, 2 TABLES
- 801095 ISHIWATA, NAONORI - 1968  
ECOLOGICAL STUDIES ON THE FEEDING OF  
FISHES-IV. SATIATION CURVE  
BULL JAP SOC SCI FISH  
34(8)691-694, 2 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801096 HONMA, YOSHIHARU; TAMURA, EIMITSU - 1968  
STUDIES ON JAPANESE CHARS OF THE GENUS  
SALVELINUS-V. CYTOLOGY OF THE PANCREATIC  
ISLETS IN THE NIKKO-IWANA SALVELINUS  
LEUCOMAENIS PLUVIUS HILGENDORF  
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- 801097 HATANAKA, HIROSHI - 1968  
AGE AND GROWTH OF YELLOWFIN SOLE IN THE  
SOUTHEASTERN BERING SEA  
BULL JAP SOC SCI FISH  
34(7)562-569, 8 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801098 OGURA, MICHIO - 1968  
STUDIES ON MACKEREL ANGLING FISHERIES-III. THE  
EFFECT OF FISH FINDERS ON THE CATCH OF MACKEREL  
VERTICAL LONG LINE FISHERY  
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34(7)555-561, 8 FIGS, 1 TABLE 34(7)576-580, 1  
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- 801099 OGURA, MICHIO - 1968  
STUDIES ON MACKEREL ANGLING FISHERIES-IV.  
FLUCTUATION OF THE FISHING ABILITY OF MACKEREL  
TENBIN ANGLING BOATS OCCURRING WITH THE CHANGE  
OF GEAR AND FISH  
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34(7)581-585, 2 FIGS, 4 TABLES  
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- 801100 MAEDA, TATSUAKI; FUJII, TAKEJI; MASUDA, KIYOSHI 1968
- TRAWL FISHING GROUNDS OF THE EASTERN BERING SEA-II. ON THE ANNUAL FLUCTUATION OF  
OCEANOGRAPHICAL CONDITIONS IN SUMMER SEASON  
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34(7)586-593, 4 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 801101 ISHIWATA, NAONORI - 1968  
ECOLOGICAL STUDIES ON THE FEEDING OF  
FISHES-III. DEGREE OF HUNGER AND SATIATION  
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34(7)604-607, 2 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801102 KAYAMA, MITSU; TSUCHIYA, YASUHIKO - 1968  
INCORPORATION OF ACETATE-1-14C INTO GLYCERYL  
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34(7)640-645, 2 FIGS, 1 TABLE
- 801103 KAYAMA, MITSU - 1968  
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SO-CALLED 'KUROKO-ZAME' CAUGHT OFF SANRIKU  
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34(7)646-650, 2 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801104 PFEIFFER, WOLFGANG - 1968  
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Z MORPHOL TIERE  
63(1)75-110, 11 FIGS, 2 TABLES
- 801105 ANONYMOUS - 1968  
FAVORITE PHOTOS FROM OUR READERS  
NAT WILDLIFE  
6(6)22, 5 FIGS
- 801106 HASHIMOTO, YOSHIRO; NOBUHIRO FUSEYANI - 1968  
A PRELIMINARY REPORT ON THE TOXICITY OF AN  
AMBERJACK, SERIOLA AUREOVITTATA  
BULL JAP SOC SCI FISH  
34(7)618-626, 6 FIGS, 3 TABLES
- 801107 APEKIN, V S - 1968  
ANTIGENIC DIFFERENCES BETWEEN SEPARATE OOCYTE  
PORTIONS OBTAINED FROM DIFFERENT FEMALES OF  
ACIPENSER STELLATUS AND A GULDENSTAEDTII  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
181(1/2/3)230-233, 4 FIGS  
IN RUSSIAN
- 801108 NEIFAKH, A A; KRIGSHABER, M P; IL'IN, M I  
1968  
PROTEIN SYNTHESIS DURING THE EARLY DEVELOPMENT  
OF MISGURNUS FOSSILIS FOLLOWING  
RADIOINACTIVATION OF NUCLEI  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
181(1/2/3)253-256, 4 FIGS  
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- 801109 DRAGOMIROV, N I - 1968  
GRADIENTS OF THE ANLAGE OF TEMPORAL FOLLICLES  
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181(1/2/3)762-764, 2 FIGS  
IN RUSSIAN
- 801110 HALL, W B - 1968  
MANUAL OF SAMPLING AND STATISTICAL METHODS FOR  
FISHERIES BIOLOGY. PART II-STATISTICAL  
METHODS. CHAPTER 6: CONTINUOUS DISTRIBUTIONS  
FAO (FOOD AGR ORGAN UN) FISH TECH PAP  
(26)SUPPL 2: V + 36, 11 FIGS, 1 TABLE
- 801111 MINA, M V - 1968  
A NOTE ON A PROBLEM IN THE VISUAL QUALITATIVE  
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32(1)93-97, 2 FIGS
- 801112 ILES, T D - 1968



801113 - 801135	GROWTH STUDIES ON NORTH SEA HERRING II.O-GROUP GROWTH OF EAST ANGLIAN HERRING J CONS CONS PERMA INT EXPLOR MER (1)98-116, 9 FIGS, 6 TABLES	IN THE WATERS OFF NORWAY ICELAND AND NEWFOUNDLAND RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:58-64, 5 FIGS, 11 TABLES
801113	BARKER, C J - 1968 CONSUMPTION TRIALS AND EDIBLE FRACTIONS OF VARIOUS COMMERCIALY IMPORTANT SPECIES OF FISH AND SHELLFISH J CONS CONS PERMA INT EXPLOR MER 32(1)117-122, 3 TABLES	801125 WOOD, R J; RAITT, D F S - 1968 SOME OBSERVATIONS ON THE BIOLOGY OF THE GREATER SILVER SMELT, PARTICULARLY IN THE NORTH-EASTERN ATLANTIC OCEAN RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:64-73, 5 FIGS, 7 TABLES
801114	OGURA, YASUMI; NARA, JUNKO; YOSHIDA, TAMAO 1968 COMPARATIVE PHARMACOLOGICAL ACTIONS OF CIGUATOXIN AND TETRODOTOXIN, A PRELIMINARY ACCOUNT TOXICON 6(2)131-140, 10 FIGS, 1 TABLE	801126 BELYANINA, T N - 1968 DYNAMICS OF SMELT POPULATIONS IN SUB-ARCTIC WATERS RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:74-79, 1 FIG, 4 TABLES
801115	BLACKER, R W - 1968 THE DISTRIBUTION OF PELAGIC FISH IN RELATION TO HYDROGRAPHIC CONDITIONS IN THE SVALBARD AREA RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:7-10, 2 FIGS, 1 TABLE	801127 POULSEN, ERIK M - 1968 NORWAY POUT: STOCK MOVEMENTS IN THE SKAGERAK AND THE NORTH-EASTERN NORTH SEA RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:80-85, 6 FIGS, 3 TABLES
801116	CORLETT, JOHN - 1968 CAPELIN IN THE NORTH-WESTERN BARENTS SEA RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:11-18, 4 FIGS, 4 TABLES	801128 RAITT, D F S - 1968 OBSERVATIONS ON THE POPULATION DYNAMICS OF THE NORWAY POUT IN THE NORTH SEA RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:85-90, 5 FIGS
801117	OLSEN, STEINAR - 1968 SOME RESULTS OF THE NORWEGIAN CAPELIN INVESTIGATIONS 1960-1965 RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:18-23, 5 TABLES	801129 BARANENKOVA, A S; KHOKHLINA, N S - 1968 DISTRIBUTION OF EGGS, LARVAE AND ADULTS OF THE NORWAY POUT OFF NORTH-WESTERN NORWAY AND IN THE BARENTS SEA RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT EXPLOR MER 158:90-100, 14 FIGS, 8 TABLES
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DE L'EAU EXPIREE CHEZ UN POISSON D'EAU DOUCE  
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- 60 SUPPL 1, 325
- 801148 MANN, HANS - 1968  
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UNANESTHETIZED DOGFISH (SCYLIORHINUS STELLARIS)  
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GAS EXCHANGE OF THE DOGFISH (SCYLIORHINUS  
STELLARIS)  
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COELOMIC FLUIDS OF THEIR HOST, EUDIAPTOMUS  
GRACILIS (COPEPODA) BEFORE AND AFTER INFECTION  
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ACTA PARASITOL POL  
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18(3)660-670, 4 FIGS, 4 TABLES
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- 801190 SMITH, J N - 1968  
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- 801191 OLIVA, OTA; SKOREPA, VLASTISLAV - 1968  
THE MYODOME IN BARBEL, BARBUS BARBUS (LINNAEUS)  
AND TENCH, TINCA TINCA (LINNAEUS)  
VESTN CESK SPOLECNOSTI ZOOL  
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- 801193 PAVLOVIC, VOJISLAV - 1968  
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BLUTZUCKER-SPIEGELS UND DES LEBERGLYCOGENS VON  
THYMALLUS THYMALLUS L UND SALMO TRUTTA M FARIO  
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CICHLIDAE, PISCES)  
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ULTRACENTRIFUGAL PATTERN AND IODINATION RATE  
COMP BIOCHEM PHYSIOL  
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- 801197 UTIDA, SEIITIRO; OIDE, MOMOKO; OIDE, HIROSHI  
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- 801198 RALPH, R; EVERSON, INIGO - 1968  
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27(1)299-307, 2 FIGS, 2 TABLES
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HYPOXIA IN THREE ECOLOGICALLY DISTINCT SPECIES  
OF FRESH-WATER FISH  
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27(1)349-355, 4 FIGS, 1 TABLE
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- 801201 ANONYMOUS - 1968  
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AUST FISH NEWSLETT  
27(9)34-35 + 37, 2 FIGS, 1 TABLE
- 801202 ANONYMOUS - 1968  
SNOEK  
AUST FISH NEWSLETT  
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- 801203 ANONYMOUS - 1968  
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AUST FISH NEWSLETT  
27(9)42-43 + 45, 1 FIG, 1 TABLE
- 801204 ANONYMOUS - 1968  
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AUST FISH NEWSLETT  
27(9)46-47 + 49, 1 FIG, 2 TABLES
- 801205 WAITZENEGGER, MARGUERITE; SERFATY, ALBERT  
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SAISONNIERE A L'ADRENALINE CHEZ UN TELEOSTEEN  
DEAU DOUCE, LA CARPE (CYPRINUS CARPIO L).  
INFLUENCE DE L'APPORT D'EXTRAITS HYPOPHYSAIRES  
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GLUTINOSA L)  
NYTT MAG ZOOL (OSLO)  
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(CESTODA) IN BOGSTAD LAKE. I. COPEPODS AS FIRST  
INTERMEDIATE HOSTS  
NYTT MAG ZOOL (OSLO)  
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- 801210 HALVORSEN, ODD; WILLIAMS, H HARTFORD - 1968  
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MODE OF ATTACHMENT AND A REGULATION IN THE

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VERWENDUNG VON LICHT ZUM FISCHFANG IN DER  
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REPUBLIK  
DEUT FISCH ZTG  
15(9)237-246, 5 TABLES
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MASSENEFALL VON GRASKARPFEN (CTENOPHARYNGODON  
IDELLA) MIT METACERCARIEN VON APHARYNGOSTRIGEA  
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DEUT FISCH ZTG  
15(9)246-250, 2 FIGS
- 801213 MERLA, GUNTER - 1968  
WAS DER TEICHWIRT IM FRUHLAHR SONST NOCH ZU  
BERUECKSICHTIGEN HAT  
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FISH CULT  
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MEM S CALIF ACAD SCI  
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- 801218 MARS-VALLETT, A E - 1968  
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(LINNAEUS)  
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J VIROL  
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- 801221 BELL, F HEWARD; BEST, E A - 1968  
THE HALIBUT FISHERY SOUTH OF WILLAPA BAY,  
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REP INT PAC HALIBUT COMM  
(48)1-36, 6 FIGS, 6 TABLES
- 801222 SERVIZI, J A; GORDON, R W; MARTENS, D W - 1968  
TOXICITY OF TWO CHLORINATED CATECHOLS, POSSIBLE  
COMPONENTS OF KRAFT PULP MILL BLEACH WASTE  
INT PAC SALMON FISH COMM PROG REP  
(17)1-43, 4 FIGS, 9 TABLES
- 801223 WAWRIK, FRIEDERIKE - 1968  
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- 801224 ISHAC, MOUNIR M; DOLLAR, ALEXANDER M - 1968  
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SALMON TRAP  
US FISH WILDLIFE SERV FISH LEAFL  
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SYNTHESEORT UND FERNTRANSPORT VON PROTEINEN IM  
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THE ELEMENTARY COMPOSITION OF LATIMERIA  
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A NEW PARASITIC ISOPOD OF THE FAMILY  
CYMOTHODAE FROM CLUPEID FISHES OF LAKE  
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ENIGMA  
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- 801231 MACKIEWICZ, JOHN S - 1968  
VITELLOGENESIS AND EGGSHELL FORMATION IN  
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CARYOPHYLLAEUS FENNICA (SCHNEIDER)  
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30(1)18-32, 6 FIGS, 2 TABLES
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HISTOCHEMICAL STUDIES OF THE CESTODE  
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30(1)40-56, 13 FIGS, 3 TABLES
- 801233 SCHUBERT, GOTTFRIED - 1968  
ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNGEN ZUR  
SPORENTWICKLUNG VON HENNIGUYA PINNAE  
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Z PARASITENK  
30(1)57-77, 15 FIGS
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30(1)95-103, 7 FIGS
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Z PARASITENK  
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DIGenea: ECHINOSTOMATIDAE)  
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OSTEOGLOSSOMORPHES): BOULENGERMYRUS KNOEPFFLERI  
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REV ZOOL BOT AFR  
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REV ZOOL BOT AFR  
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DESCRIPTION OF TILAPIA CESSIANA SP NOV WITH  
SOME REMARKS ON TILAPIA (HETEROTILAPIA)  
BUTTIKOFERI (HUBRECHT, 1881) (PISCES,  
CICHLIDAE)  
REV ZOOL BOT AFR  
78(1/2)183-196, 1 FIG, 2 TABLES
- 801241 HUNT, ROBERT L - 1968  
MIGHTY LITTLE TROUT STREAM  
WIS CONSERV BULL  
33(4)12-14, 1 FIG
- 801242 WEIHER, WILLIAM - 1968  
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WIS CONSERV BULL  
33(4)14-15, 2 FIGS
- 801243 MASON, JACK - 1968  
DAMS ON TROUT STREAMS?  
WIS CONSERV BULL  
33(4)22-23, 4 FIGS
- 801244 THREINEN, C W - 1968  
TROPHY TWINS  
WIS CONSERV BULL  
33(4)8-9, 2 FIGS
- 801245 DALY, RUSSELL - 1968  
CHASING RAINBOWS  
WIS CONSERV BULL  
33(4)6-7, 2 FIGS
- 801246 WHEELER, ALWYNE - 1968  
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BUCEPHALOPSIS GRACILESCENS (RUDOLPHI)  
IRISH NATUR J  
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RARE FISHES TAKEN IN IRISH WATERS IN 1967  
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CO. FERMANAGH
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- 801250 GREAVES, J W - 1968  
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ARDGLASS, 1966  
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CARP  
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OCULAR COUNTER-ROTATION IN GOLDFISH  
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STICKLEBACK, GASTEROSTEUS ACULEATUS, FORM  
TRACHURUS, FOLLOWING TRANSFER FROM SEA TO FRESH  
WATER  
CAN J ZOOL  
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IN NEWFOUNDLAND  
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SUBSTANCES ON THE MELANOPHORES OF FUNDULUS  
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METACERCARIAE OF A TREMATODE IN THE BRAIN OF  
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REPRODUCTIVE PHYSIOLOGY OF THE VIVIPAROUS  
SEAPERCH, CYMATOGASTER AGGREGATA GIBBONS  
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- 801259 WIEBE, JOHN P - 1968  
THE REPRODUCTIVE CYCLE OF THE VIVIPAROUS  
SEAPERCH, CYMATOGASTER AGGREGATA GIBBONS  
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RHIPIDOCOTYLE SPEC (TREMATODA, GASTEROSTOMATA)  
ALS NEU GEFUNDENER PARASIT VON PERCA  
FLUVIATILIS L  
ZOOL ANZ  
180(5/6)317-321, 3 FIGS
- 801261 SRIVASTAVA, C B - 1968  
ON THREE NEW TREMATODES FROM FRESHWATER EELS  
(TREMATODA: OPECOELIDAE)  
ZOOL ANZ  
180(5/6)321-328, 3 FIGS
- 801262 WILKENS, HORST - 1968



- BEITRAG ZUR DEGENERATION DES AUGES BEI  
CAVERNICOLEN, GENZAHL UND MANIFESTATIONSART  
(UNTERSUCHUNGEN AN MEXIKANISCHEN HOHLENFISCHEN)  
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180(5/6)454-464, 4 FIGS
- 801263 BARDACK, DAVID - 1968  
BELONOSTOMUS SP. THE FIRST HOLOSTEAN FROM THE  
AUSTIN CHALK (CRETACEOUS) OF TEXAS  
J PALEONTOLOG  
42(5)PART I, 1307-1309, 1 FIG
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EFFETS DE L'ADMINISTRATION PROLONGEE D'HORMONES  
THYROIDIENNES SUR LA COMPOSITION HYDROMINERALE  
DE QUELQUES TISSUS DE LA TRUITE ARC-EN-CIEL,  
SALMO GAIRDNERII  
CR SEANCES SOC BIOL  
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INFLUENCE DE L'HYPOTHERMIE SUR LA PHYSIOLOGIE  
THYROIDIENNE D'UN POISSON MARIN MUGIL AURATUS R  
ET D'UN POISSON D'EAU DOUCE CYPRINUS CARPIO.  
COMPARAISONS ENTRE THYROIDE PHARYNGIENNE ET  
THYROIDE HETEROTYPIQUE  
CR SEANCES SOC BIOL  
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LE SPERMATOZOIDE DE DACTYLOPTERUS VOLITANS  
LINNE, POISSON CEPHALACANTHIDAE ETUDIE AU  
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CR SEANCES SOC BIOL  
162(3)820-823, 16 FIGS
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MISE EN EVIDENCE D'UNE CHOLINESTERASE  
SPECIFIQUE AU NIVEAU DU SYSTEME NERVEUX CENTRAL  
ET DU SYSTEME CIRCULATOIRE CHEZ UN DIPNEUSTE  
(PROTOPTERUS ANNECTENS)  
CR SEANCES SOC BIOL  
162(3)823-829, 4 FIGS, 3 TABLES
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VARIATION AND TAXONOMIC CHANGES IN THE FAMILY  
RETROPINNIDAE (SALMONOIDEA)  
NZJ MAR FRESHWATER RES  
2(3)398-425, 12 FIGS, 4 TABLES
- 801269 BENZIE, VIVIANNE - 1968  
A CONSIDERATION OF THE WHITEBAIT STAGE OF  
GALAXIAS MACULATUS ATTENUATUS (JENYNS)  
NZJ MAR FRESHWATER RES  
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THE NEW ZEALAND SEA SHORE  
COLLINS: LONDON-AUCKLAND, 638P, ILLUS
- 801271 GOTTSCHALK, KARL C. - 1968  
HUMMELFISCHE. ZUCHT UND HALTUNG DER  
GOLDRINGELGRUNDEL  
AQUARIEN MAG  
(11)446-447, 2 FIGS
- 801272 HARDER, WILHELM - 1968  
ACHTUNG, HOCHSPANNUNG! ELEKTRISCHE  
FISCHE-ARTEN, HERKUNFT, HALTUNG  
AQUARIEN MAG  
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- 801273 SCHUBERT, GOTTFRIED - 1968  
WARUM IS DER DISKUS EIN PROBLEMFISCH? EIN  
SCHMAROTZENDES GEISSELTIERCHEN GEFABRDET UNSERE  
ZUCHTEN  
AQUARIEN MAG  
(11)462-463, 2 FIGS
- 801274 KNAACK, KARL - 1968  
EIN ZUCHTERSPIEL MIT FARBEN UND MIT FORMEN  
FARBVARIANTEN DES SIAMESISCHEN  
SCHLEIERKAMPFFISCHE
- AQUARIEN MAG  
(11)465-467, 10 FIGS
- 801275 ZUKAL, RUDA - 1968  
BEI SPITZSCHWANZMAKROPODEN IST DAS BRAUTKLEID  
SCHWARZ  
AQUARIEN MAG  
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A NEW GENUS FOR THE SOUTH AMERICAN CLUPEID  
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COPEPODA PARASITIC ON AUSTRALIAN FISHES VII.  
SHIINO OCCLUSA GEN ET SP NOV  
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COPEPODA PARASITIC ON AUSTRALIAN FISHES VIII.  
FAMILIES LERNAEPODIDAE AND NAOBRANCHIIDAE  
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2(4)505-523, 5 FIGS
- 801279 LADIGES, WERNER - 1968  
DIE BEDEUTUNG OKOLOGISCHER FAKTOREN FUR DIE  
DIFFERENZIERUNG DER CICHLIDEN DES TANGANJIKA-UND  
DES NJASSA-SEES  
INT REV GESAMTEN HYDROBIOL  
53(2)339-352, 5 FIGS, 1 TABLE
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DISTRIBUTION AND VARIATION OF ETHEOSTOMA  
SPECTABILE (AGASSIZ) (PERCIDAE) (TELEOSTEI)  
UNIV KANS SCI BULL  
48(5)143-208, 1 FIG, 16 TABLES
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FECUNDITY OF COMMERCIAL GOBIIDS (TELEOSTEI,  
GOBIIDAE) OF THE DNEPR-BUG ESTUARY  
ZOOLOG ZH  
47(7)1045-1053, 2 FIGS, 4 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
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LARVAL DEVELOPMENT OF THE CONGRID EEL GNATHOPIUS  
CAPENSIS (KAUP), OFF SOUTHERN AFRICA, WITH  
NOTES ON THE IDENTITY OF CONGERMURAENA  
AUSTRALIS BARNARD  
ZOOLOG AFR  
3(2)139-154, 5 FIGS, 3 TABLES
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A COMPARATIVE STUDY OF VERTEBRATE ESTERASE  
MULTIPLICITY  
COMP BIOCHEM PHYSIOL  
26(3)837-852, 6 FIGS, 5 TABLES
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BRODER, LAWRENCE E. - 1968  
THE EXCRETION OF DRUGS ACROSS THE GILL OF THE  
DOGFISH, SQUALUS ACANTHIAS  
COMP BIOCHEM PHYSIOL  
26(3)853-864, 1 FIG, 3 TABLES
- 801286 FROMM, PAUL O.; GILLETTE, JANET R. - 1968  
EFFECT OF AMBIENT AMMONIA ON BLOOD AMMONIA AND  
NITROGEN EXCRETION OF RAINBOW TROUT (SALMO  
GAIRDNERI)  
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26(3)887-896, 3 FIGS, 1 TABLE

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PREPARATION ET CARACTERISATION PARTIELLE D'UNE GLYCOPROTEINE HEMOPHILE DU SERUM DE ROUSSETTE (SCYLLIUM STELLARE)  
COMP BIOCHEM PHYSIOL  
26(3)947-954, 5 FIGS, 2 TABLES
- 801288 ALEXANDER, M D; HASLEWOOD, ELIZABETH S; HASLEWOOD, G A D; WATTS, D C; WATTS, ROSEMARY L  
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OSMOTIC CONTROL AND UREA BIOSYNTHESIS IN SELACHIANS  
COMP BIOCHEM PHYSIOL  
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- 801289 LELOUP-HATEY, JEANINE - 1968  
CONTROLE CORTICOTROPE DE LA CORTICOSTEROIDOGENESE INTERRENALIENNE CHEZ LES VERTEBRES INFERIEURS (REPTILES, TELEOSTEENS)  
COMP BIOCHEM PHYSIOL  
26(3)997-1013, 7 TABLES
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THYROIDAL I<sup>131</sup>I UPTAKE AND TSH POTENCY OF THE PITUITARY IN RESPONSE TO GRADED DOSES OF METHYLTESTOSTERONE IN MYSTUS VITTATUS (BLOCH)  
GEN COMP ENDOCRINOL  
11(1)1-4, 2 TABLES
- 801291 NICOLL, CHARLES S; BERN, HOWARD A - 1968  
FURTHER ANALYSIS OF THE OCCURRENCE OF PIGEON CROP SAC-STIMULATING ACTIVITY (PROLACTIN) IN THE VERTEBRATE ADENOHYPOPHYSIS  
GEN COMP ENDOCRINOL  
11(1)5-20, 6 FIGS, 7 TABLES
- 801292 RODESCH, FREDERICH R; FONTAINE, YVES A - 1968  
ESTIMATION DES ACTIVITES COMPAREES DE DIVERSES PREPARATIONS THYREOTROPES SUR DES CELLULES ISOLEES DE THYROIDE DE MOUTON  
GEN COMP ENDOCRINOL  
11(1)64-68, 1 FIG, 2 TABLES
- 801293 HILL, CLIFF W; FROMM, PAUL O - 1968  
RESPONSE OF THE INTERRENAL GLAND OF RAINBOW TROUT (SALMO GARDNERI) TO STRESS  
GEN COMP ENDOCRINOL  
11(1)69-77, 6 TABLES
- 801294 KRISHNAMURTHY, V G - 1968  
HISTOCHEMICAL AND BIOCHEMICAL STUDIES OF THE CORPUSCLES OF STANNIUS OF THE TELEOST FISH COLISA LALIA  
GEN COMP ENDOCRINOL  
11(1)92-103, 1 TABLE
- 801295 ENSOR, D M; BALL, J N - 1968  
A BIOASSAY FOR FISH PROLACTIN (PARALACTIN)  
GEN COMP ENDOCRINOL  
11(1)104-110, 1 FIG, 4 TABLES
- 801296 FUJITA, HISAO; HONMA, YOSHIHARU - 1968  
SOME OBSERVATIONS ON THE FINE STRUCTURE OF THE ENDOSTYLE OF LARVAL LAMPREYS, AMMOCETES OF LAMPETRA JAPONICA  
GEN COMP ENDOCRINOL  
11(1)111-131, 17 FIGS
- 801297 FONTAINE, YVES A; GERARD-BURZAWA, E - 1968  
FRACTIONNEMENT D'HYPOPHYSES DE RATS ET ETUDE DES ACTIVITES THYREOTROPE, GONADOTROPES ET HETEROHYREOTROPE DE PRODUITS PURIFIES  
GEN COMP ENDOCRINOL  
11(1)160-168, 4 FIGS, 3 TABLES
- 801298 FOLLENIUS, ERNEST - 1968  
CYTOLOGIE ET CRYPTOPHYSIOLOGIE DES CELLULES INTERSTITIELLES DE L'EPINOCHÉ: GASTEROSTEUS ACULEATUS L. ETUDE AU MICROSCOPE ELECTRONIQUE  
GEN COMP ENDOCRINOL  
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MISE EN EVIDENCE ET DOSAGE DE L'ACTIVITE DE TYPE OCYTOCIQUE DHOMOGENATS TOTAUX ET DE FRACTIONS GRANULAIRES DU SYSTEME PREOPTICO-HYPHYPHYSIAIRE DE L'ANGUILLE ANGUILLA ANGUILLA L  
GEN COMP ENDOCRINOL  
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GEN COMP ENDOCRINOL  
11(1)243-245, 1 FIG, 1 TABLE
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THE EFFECT OF DEOXYCHOLATE ON MICROSOMAL ADENOSINE TRIPHOSPHATASE PREPARED FROM THE INTESTINE OF GOLDFISH ACCLIMATIZED TO DIFFERENT TEMPERATURES  
EXPERIENTIA  
24(10)1005-1006, 1 FIG
- 801302 O'RIORDAN, C E - 1968  
ON AN OCCURRENCE OF MOBULA MOBULA (BONNATERRE) OFF THE SOUTH IRISH COAST  
IRISH NATUR J  
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42(1)91-98, 2 TABLES
- 801305 CHAN, D K O; CHESTER JONES, I - 1968  
REGULATION AND DISTRIBUTION OF PLASMA CALCIUM AND INORGANIC PHOSPHATE IN THE EUROPEAN EEL (ANGUILLA ANGUILLA L)  
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42(1)109-117, 1 FIG, 2 TABLES
- 801306 PICKERING, B T - 1968  
A NEUROPHYSIN FROM COD (GADUS MORHUA) PITUITARY GLANDS: ISOLATION AND PROPERTIES  
J ENDOCRINOL  
42(1)143-152, 7 FIGS, 1 TABLE
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1 ALPHA HYDROXYCORTICOSTERONE AND TESTOSTERONE IN BODY FLUIDS OF A CARTILAGINOUS FISH (RAJA RADIATA)  
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42(1)165-166, 1 TABLE
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OSMOTIC AND IONIC REGULATION  
ANNU REV PHYSIOL  
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DISTAL MECHANISMS OF VERTEBRATE COLOR VISION  
ANNU REV PHYSIOL  
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PRELIMINARY NOTES ON THE WINTER-SPAWNING VENDACE (COREGONUS ALBULA L) IN SOME FINNISH LAKES  
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VALIDEZ DE LA LECTURA DE OTOLITOS PARA DETERMINAR LA EDAD DE LA ANCHOVETA (ENGRAULIS RINGENS)  
INST MAR PERU (CALLAO) INFORME  
(22)1-36, 9 FIGS, 5 TABLES
- 801312 PENCZAK, TADEUSZ - 1968  
GASTEROSTEUS ACULEATUS L AS FOOD OF MERGUS MERGANSER (L)  
PRZEGL ZOOLOG  
12(3)357-358  
IN POLISH WITH ENGLISH SUMMARY
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OPUSCULA ZOOLOG (BUDAPEST)  
8(1)37-55, 5 FIGS, 6 TABLES
- 801314 FOLLENIUS, ERNEST - 1968  
INNERVATION ADRENERGIQUE DE LA META-ADENOHYPOPHYSE DE L'EPINOCH (GASTEROSTEUS ACULEATUS L) MISE EN EVIDENCE PAR AUTORADIOGRAPHIE AU MICROSCOPE ELECTRONIQUE  
C R HEBD SEANCES ACAD SCI PARIS  
267(15)SER D, 1208-1211, 2 FIGS
- 801315 WHITTAKER, D E - 1968  
MARINE FISHES AT SCARBOROUGH DURING 1967  
NATURALIST (LEEDS)  
(907)115-118, 1 FIG
- 801316 PELLERIN, PIERRE - 1968  
DES RUISSELLEMENTS DE PESTICIDES A LA MISE A TRES RUDE EPREUVE DU MILIEU AQUATIQUE  
BETES ET NATURE  
(58)20-21, 3 FIGS
- 801317 GAUBERT, HENRI - 1968  
LE BEDOTIA POISSON DE MADAGASCAR  
BETES ET NATURE  
(58)36, 1 FIG
- 801318 KLIMCZYK-JANIKOWSKA, MARIA - 1968  
DER DOBEL (LEUCISCUS CEPHALUS) AUS DEM FLUSSGEBIET DES DUNAIEC  
ACTA HYDROBIOLOGICA  
10(3)349-372, 4 FIGS, 10 TABLES  
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- 801319 WAJDOWICZ, ZBIGNIEW - 1968  
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ACTA HYDROBIOLOGICA  
10(3)395-412, 7 FIGS, 1 TABLE  
IN POLISH WITH ENGLISH SUMMARY
- 801320 MC ALLISTER, D E; DELISLE, CLAUDE - 1968  
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JEUNE SCIENTIFIQUE  
7(2)30-31, 3 FIGS
- 801321 POTTER, I C; NICOL, PATRICIA I - 1968  
ELECTROPHORETIC STUDIES ON THE HAEMOGLOBINS OF AUSTRALIAN LAMPREYS  
AUST J EXP BIOL MED SCI  
46(5)639-641, 1 FIG
- 801322 NAZARENKO, V A - 1968  
SPECIFIC FEATURES OF ROACH (RUTILUS RUTILUS FLUVIATILIS) REPRODUCTION IN THE KUIBSHEV RESERVOIR  
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47(10)1577-1582, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801323 WARNER, K; AUCLAIR, R P; DEROCHE, S E; HAVEY, K A; RITZI, C F - 1968
- FISH PREDATION ON NEWLY STOCKED LANDLOCKED SALMON  
J WILDLIFE MANAGE  
32(4)712-717, 2 TABLES
- 801324 LENFANT, CLAUDE; JOHANSEN, KJELL - 1968  
RESPIRATION IN THE AFRICAN LUNGFISH PROTOPTERUS AETHIOPICUS. I. RESPIRATORY PROPERTIES OF BLOOD AND NORMAL PROPERTIES OF BREATHING AND GAS EXCHANGE  
J EXP BIOL  
49(2)437-452, 12 FIGS, 4 TABLES
- 801325 JOHANSEN, KJELL; LENFANT, CLAUDE - 1968  
RESPIRATION IN THE AFRICAN LUNGFISH PROTOPTERUS AETHIOPICUS. II. CONTROL OF BREATHING  
J EXP BIOL  
49(2)453-468, 13 FIGS
- 801326 JAFRI, A K - 1968  
SEASONAL CHANGES IN THE BIOCHEMICAL COMPOSITION OF THE COMMON CARP, CIRRHINA MRIGALA (HAM) BROTERIA  
37(1/2)29-44, 5 FIGS
- 801327 JAFRI, A K - 1968  
SEASONAL CHANGES IN THE BIOCHEMICAL COMPOSITION OF THE CATFISH MYSTUS SEENGHALA (SYKES) BROTERIA  
37(1/2)45-58, 5 FIGS
- 801328 FISCHER, Z - 1968  
FOOD SELECTION IN GRASS CARP (CTENOPHARYNGODON IDELLA VAL) UNDER EXPERIMENTAL CONDITIONS  
POL ARCH HYDROBIOLOGICA  
15(1)1-8, 1 FIG, 2 TABLES
- 801329 WINNICKI, ALEKSANDER - 1968  
RESPIRATION OF THE EMBRYOS OF SALMO TRUTTA L AND SALMO GAIARDNERI RICH. IN MEDIA DIFFERING IN GASEOUS DIFFUSION RATE  
POL ARCH HYDROBIOLOGICA  
15(1)23-38, 4 FIGS, 1 TABLE
- 801330 NAGABHUSHANAM, A K - 1968  
ON THE OCCURRENCE OF THE SIPHONOPHORE PHYSALIA PHYSALIS L AND THE LABRID FISH LABROIDES DIMIDIATUS (CUV ET VAL) IN THE MINICOY ISLAND (ARABIAN SEA) AREA  
CURR SCI  
37(1)24, 1 FIG
- 801331 TOMEY, WILLIAM A - 1968  
DE FEUERSCHWANZBACHLING, RIVULUS MILESII AQUARIEN TERRARIEN Z  
21(11)321-324, 11 FIGS
- 801332 BELLSTEDT, F - 1968  
RIVALITÄTS-UND PAARUNGSVERHALTEN LEBENDGEBARENDER ZAHNKAUFEN  
AQUARIEN TERRARIEN Z  
21(11)327-331, 3 FIGS
- 801333 HERKNER, HUGO - 1968  
WAS VERBURGT SICH ALLES HINTER DEM NAMEN 'ODINIUM'  
AQUARIEN TERRARIEN Z  
21(11)347-351, 13 FIGS
- 801334 BADER, HERBERT - 1968  
CEYLON'S SCHONSTER LABYRINTHFISCH, BELONTIA SIGNATA  
AQUARIEN TERRARIEN Z  
21(10)306-309, 2 FIGS; 21(11)333-335, 1 FIG
- 801335 DE GRAAF, FRANK - 1968  
ANEMONENFISCHE  
AQUARIEN TERRARIEN Z  
21(10)289-292, 8 FIGS; 21(11)336-339, 8 FIGS



- 801336 BLUM, VOLKER - 1968  
IMMUNOLOGISCHE UNTERSUCHUNGEN AN  
HYPOPHYSENVORDERLAPPEN HORMONEN MIT  
ANTIKORPERN  
VON SAUGETIEREN UND FISCHEN  
ACTA ENDOCRINOL  
59(3)379-389, 2 FIGS, 1 TABLE
- 801337 BRICKER, NEAL S; GUERRA, LEVI; KLAHR, SAULO;  
BEAUMAN, WILLIAM; MARCHENA, CARLOS - 1968  
SODIUM TRANSPORT AND METABOLISM BY ERYTHROCYTES  
OF THE DOGFISH SHARK  
AMER J PHYSIOL  
215(2)383-388, 8 TABLES
- 801338 MIZOGAMI, SUSUMU; OGURI, MIKIO; SOKABE,  
HIROFUMI; NISHIMURA, HIROKO - 1968  
PRESENCE OF RENIN IN THE GLOMERULAR AND  
AGLOMERULAR KIDNEY OF MARINE TELEOSTS  
AMER J PHYSIOL  
215(4)991-994, 4 FIGS, 1 TABLE
- 801339 EDELHAUSER, HENRY F; HOFFERT, J RUSSELL;  
FROMM, PAUL O - 1968  
A COMPARATIVE STUDY OF SODIUM PERMEABILITY IN  
LAKE TROUT AND RABBIT CORNEAS  
AMER J PHYSIOL  
214(2)389-394, 1 FIG, 3 TABLES
- 801340 HOROWICZ, P; BURGER, J WENDELL - 1968  
UNIDIRECTIONAL FLUXES OF SODIUM IONS IN THE  
SPINY DOGFISH, SQUALUS ACANTHIAS  
AMER J PHYSIOL  
214(3)635-642, 5 FIGS, 5 TABLES
- 801341 LONG, DON M; BODENHEIMER, THOMAS S;  
HARTMANN, J FRANCIS; KLATZO, IGOR - 1968  
ULTRASTRUCTURAL FEATURES OF THE SHARK BRAIN  
AMER J ANAT  
122(2)209-236, 20 FIGS
- 801342 HILL, JOANNA JENSEN; HENDERSON, NANCY E - 1968  
THE VASCULARIZATION OF THE  
HYPOTHALAMIC-HYPOPHYSAL REGION OF THE EASTERN  
BROOK TROUT, SALVELINUS FONTINALIS  
AMER J ANAT  
122(2)301-316, 10 FIGS, 1 TABLE
- 801343 ANONYMOUS - 1968  
ALOSA FALLAX (LACEPEDE, 1803) PRESERVED AS THE  
NAME FOR THE TWAITE SHAD (PISCES)  
BULL ZOOLOG NOMENCL  
25(2/3)92-93
- 801344 ANONYMOUS - 1968  
GOBIUS LENKORANICUS KESSLER, 1877 (PISCES)  
SUPPRESSED UNDER THE PLENARY POWERS  
BULL ZOOLOG NOMENCL  
25(2/3)94-95
- 801345 SUTTKUS, ROYAL D; CLEMMER, GLENN H - 1968  
NOTROPIS EDWARDRAVEYI, A NEW CYPRINID FISH FROM  
THE ALABAMA AND TOBIBGEE RIVER SYSTEMS AND A  
DISCUSSION OF RELATED SPECIES  
TULANE STUD ZOOLOG BOT  
15(1)18-39, 10 FIGS, 11 TABLES
- 801346 FEDDERN, HENRY A - 1968  
SYSTEMATICS AND ECOLOGY OF WESTERN ATLANTIC  
ANGELFISHES, FAMILY CHAETODONTIDAE, WITH AN  
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DISS ABSTR  
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- 801347 JENNINGS, CHARLES DAVID - 1968  
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29(2)702B
- 801348 BELL, ALLEN LESLIE - 1968  
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(ANGUILLA ROSTRATA)
- DISS ABSTR  
29(2)740-B
- 801349 WANG, CHIA-SHENG JOHNSON - 1968  
THE EYE OF FISHES WITH SPECIAL REFERENCE TO  
PIGMENT MIGRATION  
DISS ABSTR  
29(2)748B
- 801350 HOWELL, WILLIAM MIKE - 1968  
TAXONOMY AND DISTRIBUTION OF THE PERCID FISH,  
ETHEOSTOMA STIGMAEUM (JORDAN) WITH THE  
VALIDATION AND REDESCRIPTION OF ETHEOSTOMA  
DAVISONI HAY  
DISS ABSTR  
29(2)812B-813B
- 801351 JONES, ROBERT SIDNEY - 1968  
ECOLOGICAL RELATIONSHIPS IN HAWAIIAN AND  
JOHNSTON ISLAND ACANTHURIDAE (SURGEONFISHES)  
WITH EMPHASIS ON FOOD AND FEEDING HABITS  
DISS ABSTR  
29(2)813B
- 801352 ROBINS, CATHERINE HALE - 1968  
THE COMPARATIVE OSTEOLOGY AND ECOLOGY OF THE  
SYNPHOBANCHID EELS OF THE STRAITS OF FLORIDA  
DISS ABSTR  
29(2)816B-817B
- 801353 YUKHIMENKO, L N; YUKHIMENKO, S S - 1968  
A CASE OF S TYPHIMURIUM ISOLATION FROM  
HYPOPHthalmichthys MOLITRIX  
ZH MIKROBIOL EPIDEMIOL IMMUNOBIOLOG  
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IN RUSSIAN
- 801354 WILSON, RICHARD LELAND - 1968  
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PLIOCENE VERTEBRATE ASSEMBLAGE FROM TREGO  
COUNTY, KANSAS  
CONTRIB MUS PALEONTOLOG UNIV MICH  
22(7)75-126, 17 FIGS, 20 TABLES
- 801355 TASHIMA, I; CAHILL, G F - 1968  
EFFECTS OF INSULIN IN THE TOADFISH, OPSANUS TAU  
GEN COMP ENDOCRINOL  
11(2)262-271, 3 FIGS, 7 TABLES
- 801356 YAMAZAKI, FUMIO; DONALDSON, EDWARD M - 1968  
THE EFFECTS OF PARTIALLY PURIFIED SALMON  
PITUITARY GONADOTROPIN ON SPERMATOGENESIS,  
VITELLOGENESIS, AND OVULATION IN  
HYPOPHYSECTOMIZED GOLDFISH (CARASSIUS AURATUS)  
GEN COMP ENDOCRINOL  
11(2)292-299, 13 FIGS, 2 TABLES
- 801357 LAGIOS, MICHAEL D - 1968  
TETROPOD-LIKE ORGANIZATION OF THE PITUITARY  
GLAND OF THE POLYTERIFORMID FISHES,  
CALAMOICHTHYS CALABARICUS AND POLYPTERUS PALMAS  
GEN COMP ENDOCRINOL  
11(2)300-315, 19 FIGS
- 801358 IDLER, D R; FREEMAN, H C - 1968  
BINDING OF TESTOSTERONE, 1 ALPHA  
HYDROXYCORTICOSTERONE AND CORTISOL BY PLASMA  
PROTEINS OF FISH  
GEN COMP ENDOCRINOL  
11(2)366-372, 3 TABLES
- 801359 HIRANO, TETSUYA; UTIDA, SEIJIRO - 1968  
EFFECTS OF ACTH AND CORTISOL ON WATER MOVEMENT  
IN ISOLATED INTESTINE OF THE EEL, ANGUILLA  
JAPONICA  
GEN COMP ENDOCRINOL  
11(2)373-380, 5 FIGS, 1 TABLE
- 801360 LEIBSON, L; PLISetskaya, E M - 1968  
EFFECT OF INSULIN ON BLOOD SUGAR LEVEL AND  
GLYCOGEN CONTENT IN ORGANS OF SOME CYCLOSTOMES  
AND FISH  
GEN COMP ENDOCRINOL

- 801361 GOSWAMI, SHASHI V; SUNDARARAJ, BANGALORE I  
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AFTER UNILATERAL OVARIECTOMY AT VARIOUS PHASES  
OF THE REPRODUCTIVE CYCLE OF CATFISH,  
HETEROPNEUSTES FOSSILIS (BLOCH)  
GEN COMP ENDOCRINOL  
11(2)401-413, 13 FIGS, 1 TABLE
- 801362 SHILOV, I A - 1968  
ECOLOGICAL ASPECTS OF HOMOIOOTHERMY EVOLUTION  
PROBLEM  
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47(9)1285-1295  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801363 BABURINA, E A; BOGATYREV, P B; PROTASOV, V R  
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SOME FISHES  
ZOOLOG ZH  
47(9)1364-1369, 2 FIGS, 2 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801364 ZHUKOV, P I - 1968  
THE ROUTES OF PENETRATION OF PONTO-CASPIAN  
ICHTHYOFAUNA INTO THE RIVERS OF THE BALTIC SEA  
BASIN  
ZOOLOG ZH  
47(9)1417-1419  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801365 PETRIK, PETER - 1968  
THE DEMONSTRATION OF CHLORIDE IONS IN THE  
'CHLORIDE CELLS' OF THE GILLS OF EELS (ANGUILLA  
ANGUILLA L) ADAPTED TO SEA WATER  
Z ZELLFORSCH  
92(3)423-427, 4 FIGS
- 801366 POTTER, I C; LANZING, W J R; STRAHAN, RONALD  
1968  
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POPULATIONS OF AUSTRALIAN LAMPREYS OF THE GENUS  
MORDACIA  
J LINN SOC LONDON ZOOLOG  
47(313)533-546, 7 FIGS, 3 TABLES
- 801367 NIEUWENHUIZEN, AREND VAN DEN - 1968  
BETTA SPLENDENS  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(10)330-332, 4 FIGS
- 801368 GRAHL, KLAUS - 1968  
UMBRA KRAMERI WALBAUM 1792  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(8)268-269, 3 FIGS; 15(9)302-303, 1 FIG;  
15(10)334-337, 4 FIGS
- 801369 GERY, JACQUES - 1968  
DAS VORKOMMEN VON THAYERIA BOEHLKEI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(10)349
- 801370 DE GRAAF, FRANK - 1968  
ENGEL BLEEK BENGEL  
ARTIS  
14(4)126-129, 6 FIGS
- 801371 CASTLE, P H J - 1968  
THE WORLD OF EELS  
TUATARA  
16(2)85-97, 2 FIGS
- 801372 WINTERBOURN, M J - 1968  
THE FAUNAS OF THERMAL WATERS IN NEW ZEALAND  
TUATARA  
16(2)111-122, 2 FIGS, 2 TABLES
- 801373 LARIMER, JAMES L; MACDONALD, JOHN A - 1968  
SENSORY FEEDBACK FROM ELECTRORECEPTORS TO  
ELECTROMOTOR PACEMAKER CENTERS IN GYMNOTIDS  
AMER J PHYSIOL  
214(6)1253-1261, 11 FIGS
- 801374 RAINWATER, FRED L; MILLER, RUDOLPH J - 1968  
COURTSHIP AND REPRODUCTIVE BEHAVIOR OF THE  
SIAMESE FIGHTING FISH, BETTA SPLENDENS REGAN  
(PISCES, BELONTIIDAE)  
PROC OKLA ACAD SCI  
47:98-114, 2 FIGS, 4 TABLES
- 801375 CARTER, NEIL E; ELEY, REX L - 1968  
EFFECTS OF A FLOOD ON FISH DISTRIBUTION IN  
KEYSTONE RESERVOIR  
PROC OKLA ACAD SCI  
47:382-385, 2 FIGS, 1 TABLE
- 801376 COPELIN, FARRELL; PRICE, JOHN; LAMBOU, VICTOR W  
1968  
HUNTING AND FISHING ON PRIVATE LAND IN OKLAHOMA  
IN 1964  
PROC OKLA ACAD SCI  
47:385-393, 1 FIG, 11 TABLES
- 801377 ECHELLE, ANTHONY A; MENSE, JAMES B - 1968  
FORAGE VALUE OF MISSISSIPPI SILVERSIDES IN LAKE  
TEXOMA  
PROC OKLA ACAD SCI  
47:394-396, 2 TABLES
- 801378 GASAWAY, CHARLES R - 1968  
COMPARISON OF BASS-BLUEGILL AND BASS-REDEAR  
SUNFISH STOCKING IN OKLAHOMA FARM PONDS  
PROC OKLA ACAD SCI  
47:397-406, 7 TABLES
- 801379 SANDOZ, O'REILLY - 1968  
EXPERIMENTAL FEEDING AND GROWTH OF CHANNEL  
CATFISH IN OKLAHOMA HATCHERIES  
PROC OKLA ACAD SCI  
47:414-421, 6 TABLES
- 801380 UCHIDA, KEITARO - 1968  
THE STORY OF SUN-FISH  
SHIZEN  
23(11)56-57, 1 FIG  
IN JAPANESE
- 801381 BERMAN, DAVID S - 1968  
LUNGFISH FROM THE LUEDERS FORMATION (LOWER  
PERMIAN, TEXAS) AND THE  
GNATHORHIZA-LEPIDOSIRENID ANCESTRY QUESTIONED  
J PALEONTOL  
42(3)PART I, 827-835, 4 FIGS
- 801382 DORNESCO, G T; MISCALENCO, D - 1968  
LA STRUCTURE DES BRANCHIES DE QUELQUES CYPRINS  
ANN SCI NATUR ZOOLOG BIOL ANIM  
10(2)SER 12, 291-299, 7 FIGS
- 801383 MARX, WESLEY - 1968  
THE EASTERN TROPICAL PACIFIC: FISHING FOR  
COOPERATION  
BULL AT SCI  
24(9)18-22
- 801384 HESTER, FRANK J - 1968  
VISUAL CONTRAST THRESHOLD OF THE GOLDFISH  
(CARASSIUS AURATUS)  
VISION RES  
8(OCTOBER)1315-1336, 10 FIGS, 2 TABLES
- 801385 SCHWASSMANN, HORST O - 1968  
VISUAL PROJECTION UPON THE OPTIC TECTUM IN  
FOVEATE MARINE TELEOSTS  
VISION RES  
8(OCTOBER)1337-1348, 6 FIGS
- 801386 PATTERSON, COLIN - 1968

- THE CAUDAL SKELETON IN MESOZOIC ACANTHOPTERYGIAN FISHES**  
BRIT MUS (NATUR HIST) BULL GEOL  
17(2)1-102, 28 FIGS
- 801387** TITLBACH, M - 1968  
**A CONTRIBUTION TO THE INVESTIGATION BY LIGHT AND ELECTRON MICROSCOPE OF LANGERHANS ISLETS OF THE CARP (CYPRINUS CARPIO L)**  
FOLIA MORPHOL (PRAGUE)  
16(4)325-337, 1 TABLE
- 801388** FRANK, STANISLAV - 1968  
**KREUZUNG VON ZEBRABARBLING MIT TUPFELBARBLING (DANIO RERIO X NIGROFASCIATUS)**  
AQUA TERRA  
5(11)95-97, 3 FIGS
- 801389** MARINCEK, MAGDALENA - 1968  
**L'INFECTION DES CARPES PAR LES COCCIDIES**  
ARH BIOL NAUKA  
17(3)165-172, 3 FIGS  
IN YUGOSLAV WITH FRENCH SUMMARY
- 801390** JANKOVIC, DRAGA - 1968  
**DIE URSACHE DER NASE (CHONDROSTOMA NASUS L) VERBREITUNG IN DEM FLUSSE STUDENICA**  
ARH BIOL NAUKA  
17(3)173-183, 5 FIGS, 1 TABLE  
IN YUGOSLAV WITH GERMAN SUMMARY
- 801391** RANDALL, JOHN E; CERVIGON, FERNANDO - 1968  
**UN NUEVO PEZ SCIAENIDAE DEL GENERO CYNOSCION DE VENEZUELA Y NOTAS SOBRE C. JAMAICENSIS Y C. OBLIQUATUS**  
SOC CIENC NATUR LA SALLE MEM  
27(78)176-192, 3 FIGS, 6 TABLES
- 801392** CANESTRI, VICTOR - 1968  
**ANOTACIONES COMPLEMENTARIAS SOBRE LA HISTOLOGIA E IRRIGACION DEL ORGANOS RESPIRATORIO ACCESORIO DE ELECTROPHORUS ELECTRICUS (OSTEICHTHYES-CYPRINIFORMES)**  
SOC CIENC NATUR LA SALLE MEM  
27(77)87-102, 14 FIGS, 1 TABLE
- 801393** ROEHM, JEFFREY NOYES - 1968  
**CHANGES IN THE LIPID COMPOSITION OF RAINBOW TROUT SALMO GARDNERII FED CYCLOPROPENOID FATTY ACIDS**  
DISS ABSTR  
29(2)669B
- 801394** FINCHER, BARBARA - 1968  
**FROM LAKE...TO LABORATORY**  
ALA CONSERV  
38(5)22-24, 4 FIGS
- 801395** FREEMAN, BARRY O - 1968  
**HOW OLD IS A FISH BEFORE IT SPAWNS?**  
MISS GAME FISH  
27(9)13
- 801396** ZUKAL, RUDOLF - 1968  
**BARB BREEDING (BARBUS ARULIUS)**  
PETFISH MONTHLY  
3(8)328-332, 11 FIGS
- 801397** BEARD, T W - 1968  
**GUPPIES IN SEA WATER**  
PETFISH MONTHLY  
3(8)334
- 801398** KLEINERT, STANTON J; DEGURSE, PAUL E;  
WIRTH, THOMAS L - 1968  
**OCCURRENCE AND SIGNIFICANCE OF DDT AND DIELDRIN RESIDUES IN WISCONSIN FISH**  
TECH BULL WIS DEP NATUR RESOUR  
(41)1-43, 9 FIGS, 3 TABLES
- 801399** DEMJR, NECLA - 1968
- ANALYSIS OF LOCAL POPULATIONS OF THE ANCHOVY ENGRAULIS ENCRASICOLUS (L), IN TURKISH WATERS BASED ON MERISTIC CHARACTERS**  
ISTANBUL UNIV FEN FAK MECM SER B TABII ILMILER  
33(1/2)25-57, 9 FIGS, 18 TABLES
- 801400** APPLGATE, SHELTON P; UYENO, TERUYA - 1968  
**THE FIRST DISCOVERY OF A FOSSIL TOOTH BELONGING TO THE SHARK GENUS HEPTRACHIAS, WITH A NEW PRISTIOPHORUS SPINE, BOTH FROM THE OLIGOCENE OF JAPAN**  
BULL NAT SCI MUS (TOKYO)  
11(2)195-200, 5 FIGS
- 801401** GOSWAMI, SHASHI V; SUNDARARAJ, BANGALORE I - 1968  
**EFFECT OF ESTRADIOL BENZOATE, HUMAN CHORIONIC GONADOTROPIN, AND FOLLICLE-STIMULATING HORMONE ON UNILATERAL OVARIECTOMY-INDUCED COMPENSATORY HYPERTROPHY IN CATFISH, HETEROPNEUSTES FOSSILIS (BLOCH)**  
GEN COMP ENDOCRINOL  
11(2)393-400, 3 FIGS
- 801402** DURVE, V S - 1968  
**SOME OBSERVATIONS ON THE CONDITIONED RESPONSES IN THE FINGERLINGS OF THE MILK FISH CHANOS CHANOS (FORSKAL)**  
PROC INDIAN ACAD SCI SECT B  
68(2)69-78, 3 FIGS
- 801403** BOFFA, GEORGES A; DRILHON, ANDREE; FAURE, ALAIN; ZAKIN, MARIO M; FINE, JEAN-MARIUS - 1968  
**STRUCTURE DE LA TRANSFERRINE DE ROUSSETTE (SELACIEN DU G SCYLLIUM), COMPOSITION EN ACIDES AMINES**  
C R HEBD SEANCES ACAD SCI PARIS  
267(12), SER D, 1067-1070, 1 TABLE
- 801404** MERRETT, N R - 1968  
**TUNA FISHING RESEARCH IN THE INDIAN OCEAN AFRICANA**  
3(7)20-23, 8 FIGS
- 801405** DE FELICE, DIANE; RASCH, ELLEN M - 1968  
**CHRONOLOGY OF SPERMATOGENESIS AND SPERMIOGENESIS IN POECILIID FISHES**  
J CELL BIOL  
39(2), PART 2, 32A-33A
- 801406** SHEFF, MICHAEL F; ZACKS, SUMNER I - 1968  
**TETANUS-TARGET CELL INTERACTION, A COMMON MECHANISM IN DIFFERENT VERTEBRATE CLASSES**  
J CELL BIOL  
39(2), PART 2, 123A
- 801407** WAXMAN, S G; KRIEBEL, M E; BENNETT, MICHAEL V L; PAPPAS, GEORGE D - 1968  
**FINE STRUCTURAL BASIS OF SYNAPTIC ACTIVITY IN OCULOMOTOR NUCLEI OF THE SPINY BOXFISH**  
J CELL BIOL  
39(2), PART 2, 140A
- 801408** RAHMANN, HINRICH; KORFSMEIER, K H - 1968  
**EINBAU VON 3 H-PALMITINSÄURE IN DAS TECTUM OPTICUM DES ZEBRAFISCHES**  
NATURWISSENSCHAFTEN  
55(11)548-549
- 801409** WENKE, THOMAS L - 1968  
**ABUNDANCE OF CREPIDOSTOMUM AND OTHER INTESTINAL HELMINTHS IN FISHES FROM POOL 19, MISSISSIPPI RIVER**  
IOWA STATE J SCI  
43(2)211-222, 3 FIGS, 2 TABLES
- 801410** LETENDRE, GERARD C - 1968  
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CONDITIONS  
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Z ZELLFORSCH  
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DEUT FISCH ZTG  
15(10)262-270, 1 FIG
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DEUT FISCH ZTG  
15(10)271-275, 4 FIGS, 1 TABLE
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ARTENZUSAMMENSETZUNG DES FISCHBESTANDES EINIGER  
KLEINERER SEEN  
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15(10)275-279, 2 TABLES, 1 FIG
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15(10)280-284, 2 FIGS, 3 TABLES
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26(4)155-159, 1 FIG, 2 TABLES
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FISH CULT  
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ANNOT ZOOL JAP  
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JAP J ECOL  
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J PARASITOL  
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J PARASITOL  
54(5)931-934, 4 FIGS
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MYXOSPORIDIA), A PARASITE OF THE GOLDEN SHINER  
J PARASITOL  
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PLANKTONIC FISH EGGS OF FAXAFLÖI, SOUTHWEST  
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RIT FISKIÐEILDAR  
4(5)1-15, 1 FIG, 6 TABLES
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1(3)172-177, 4 FIGS, 2 TABLES
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GADUS MORHUA  
MAR BIOL (BERLIN)  
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TUMORBILDUNG VON ZAHNKARPFEN  
UMSCH WISS TEC  
68(24)754-755, 2 FIGS
- 801464 VAN DEN NIEUWENHUIZEN, AREND - 1968  
ZUCHTERFAHRUNGEN MIT PYRRHULINA METAE  
(EIGENMANN)  
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TERRARIEN  
15(11)366-369, 9 FIGS
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TERRARIEN  
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FISCHPARASIT  
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TERRARIEN  
15(11)382-384, 8 FIGS
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HIGH-FREQUENCY ULTRASONIC PROPERTIES OF  
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SALAR) AU QUEBEC  
NATUR CAN  
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POWER STATIONS AS SEA FARMS  
NEW SCI  
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OUT WITH THE AID OF C14  
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182(1/2/3)208-210, 4 FIGS  
IN RUSSIAN
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DAS OBJEKTTTRAGER-AQUARIUM  
MIKROKOSMOS  
57(12)357-361, 2 FIGS
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AN ADDITIONAL CONTRIBUTION TO THE BIOLOGY OF  
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(STEINDACHNER)  
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CUATRO CIENEGAS BASIN, COAHUILA, MEXICO  
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ON THE CONCENTRATION FACTORS OF 198AU IN  
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REC OCEANOGR WORKS JAP  
9(2)257-261, 4 FIGS, 3 TABLES
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RATE OF RNA SYNTHESIS IN HAPLOID AND DIPLOID  
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169(1)274-277, 2 FIGS, 1 TABLE
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MIRAMICHI RIVER, NEW BRUNSWICK  
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(91)VI + 1-33, 22 FIGS, 5 TABLES
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LARVAL HERRING (CLUPEA HARENGUS L) IN RELATION  
TO HYDROGRAPHIC CONDITIONS IN THE BAY OF FUNDY  
FISH RES BOARD CAN TECH REP  
(88)1-159, 27 FIGS, 15 TABLES
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FISH RES BOARD CAN TECH REP  
(90)IV + 1-67, 11 TABLES
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ON THE TWO KINDS OF SECRETORY GRANULES IN THE  
EGGS OF THE FRESH WATER TELEOST ZACCO PLATYPUS  
SCI REP TOHOKU UNIV SER IV BIOL  
34(1)21-30, 4 FIGS
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BIG MIGRATIONS IN FISH AND BIRDS  
NATURA (BUCURESTI)  
20(5)43-52  
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INTRODUCEREA DE NOI SPECII DE PESTI, MILOC DE  
SPORIRE A PRODUCTIEI  
NATURA (BUCURESTI)  
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THE TEETH OF THE PIKE AND THEIR SHEDDING  
EESTI LOODUS  
11(3)180-182, 2 FIGS, 2 TABLES  
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ETUDE CYTOLOGIQUE DE L'HYPOPHYSE DU MUGE, EN  
PARTICULIER EN RELATION AVEC LA SALINITE  
EXTERIEURE  
Z ZELLFORSCH  
87(4)545-561, 19 FIGS, 4 TABLES



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HISTOCHEMISCHE UNTERSUCHUNGEN AM  
SUBCOMMISSURALORGAN UND AM REISSNERSCHEN FADEN  
VON LAMPETRA PLANERI (BLOCH)  
Z ZELLFORSCH  
87(4)571-591, 8 FIGS, 2 TABLES
- 801489 DELIEGE, M - 1968  
ACTION DE LA DEXTRO-AMPHETAMINE SUR L'ACTIVITE  
DE CARATIUS AURATUS L  
BULL SOC ROY SCI LIEGE  
37(3/4)229-236, 3 FIGS
- 801490 REICHENBACH-KLINKE, H - 1968  
ICHTHYOPHTHIRIUS MULTIFILIIS ALS MOGLICHER  
PARASIT DES MENSCHEN  
Z TROPENMED PARASITOL  
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MORDACIA PRAECOX, N SP, A NONPARASITIC LAMPREY  
(PETROMYZONIDAE), FROM NEW SOUTH WALES,  
AUSTRALIA  
PROC LINNEAN SOC N S W  
92(3)254-261, 3 FIGS, 1 TABLE
- 801493 BARANAUSKIENE, A; JANKEVICIUS, K; JANKAVICIUTE,  
G; KISELYTE, T - 1968  
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AND ZOOPLANKTON IN THE FERTILIZED PONDS  
TR AKAD NAUK LITOV SSR  
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LAKE TANGANYIKA  
KYOTO UNIV AFR STUD  
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- 801496 DA FRANCA, P; DA FRANCA, M L P - 1968  
OCORRENCIA DE KYPHOSUS INCISOR (CUVIER)  
(PISCES, PERCIFORMES, KYPHOSIDAE) NA COSTA DE  
ANGOLA  
JUNTA INVEST ULTRAMAR NOTAS CENTRO BIOL AQUA  
TROP  
(9)1-17, 4 FIGS
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VESTN ZOOL  
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KARAUISCHE CARASSIUS CARASSIUS L  
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23(5)357-362, 2 FIGS  
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BEMERKUNGEN ÜBER DIE GOLDORFE (ABART LEUCISCUS  
IDUS L) AUS DEM BERGSEE STRBSKE PLESO (HOHE  
TATRA)  
BIOLOGIA (BRATISLAVA)  
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NUCLEI OTTAVOMOTORI (TANGENZIALI) DI LAMPREDA  
(LAMPETRA PLANERI)  
ATTI ACCAD NAZ LINCEI REND CL SCI FIS MAT NATUR  
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ARCH HYDROBIOL  
65(2)187-204, 12 TABLES
- 801504 RUUDI, I T - 1968  
FISHES WITH WHITE BLOOD  
EESTI LOODUS  
11(7)444-445, 1 FIG  
IN ESTONIAN
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THE PREOPTIC-HYPOPHYSAL NEUROSECRETORY SYSTEM  
IN CARP IN PROLONGED STARVATION  
STUD UNIV BABES-BOLYAI SER BIOL  
13(2)101-105, 4 FIGS  
IN ROMANIAN WITH ENGLISH SUMMARY
- 801506 OROS, IOAN; STANCIU, SOARE - 1968  
METABOLIC ASPECTS IN BULLHEAD (AMIURUS  
NEBULOSUS) IN COLD SEASON  
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13(2)133-138, 1 FIG, 4 TABLES  
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OSTEOLOGIE DU GENRE CAMPYLOMORMYRUS BLEEKER  
(PISCES MORMYRIFORMES)  
ANN SOC ROY ZOOL BELGE  
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J HELMINTHOL  
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LIGULA INTESTINALIS (LINNAEUS 1758)  
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MONOGENOIDEA) AND PSEUDOTHORACOCOTYLE  
SCOMBEROMORI SP NOV (GASTROCOTYLIDAE,  
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- 42(3/4)421-434, 3 FIGS, 3 TABLES
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ALLOCREADIIDAE, STOSSICH, 1904) FROM PHOXINUS  
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TETRAPHYLIDAE) FROM RAJA NAEVUS WITH A COMMENT  
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- 801530 ROTT, N N; SHEVELEVA, G A - 1968  
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COURSE OF EARLY DEVELOPMENT OF DIPLOID AND  
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- 801531 HARGIS, WILLIAM J JR; ZWERNER, DAVID E - 1968  
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INVERTEBRATES  
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3(5)163-164, 1 FIG
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J EXP MAR BIOL ECOL  
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- 801534 STANGENBERG-OPOROWSKA, K - 1968  
CHEMISCHE ZUSAMMENSETZUNG DER  
KARPFENTEICHWASSER DER WELT  
INT VER THEOR ANGEW LIMNOL VERH  
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- 801535 PROWSE, G A - 1968  
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THE PRODUCTION OF CARP IN PONDS  
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FÜR DIE KARPENZUCHT  
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- 801537 HEPHER, B - 1968

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- 801538 SZUMIEC, M - 1968  
**ZEITRAUMIGE TEMPERATURÄNDERUNGEN ÜBER LAICHTTEICHEN UND ÜBER DEM BODEN IN DEN NIEDRIGSTEN LUFTSCHICHTEN**  
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- 801539 VAMOS, R - 1968  
**BIOLOGICAL EFFECTS OF SULPHATE-REDUCTION IN PONDS**  
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**DIE PLANKTISCHE PRIMÄRPRODUKTION IN KARPFFENTEICHEN UNTER DEM EINFLUSS VERSCHIEDENER PHOSPHATDÜNGUNG**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1333-1339, 11 FIGS
- 801541 DONASZY, E - 1968  
**DAS ZOOPLANKTON IN DEN KARPFFENTEICHEN UNGARNS**  
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16(3)1341-1357, 9 FIGS, 7 TABLES
- 801542 GRYGIEREK, E; HILLBRICHT-ILOWSKA, A; SPODNIĘWSKA, I - 1968  
**THE EFFECT OF FISH ON PLANKTON COMMUNITY IN PONDS**  
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16(3)1359-1366, 6 FIGS
- 801543 BARTHELMES, D - 1968  
**ZUR VERBREITUNG UND BEDEUTUNG RAUBERISCHER DIPTERENLARVEN IN KARPFFENTEICHEN**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1377-1382, 5 FIGS
- 801544 LELAK, J - 1968  
**ZUR FRAGE DER EXPERIMENTALEN UNTERSUCHUNG DES EINFLUSSES DER FRESSTATIGKEIT DES FISCHBESTANDES AUF DIE BODENFAUNA DER TEICHE**  
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16(3)1383-1391, 2 FIGS, 2 TABLES
- 801545 PROWSE, G A - 1968  
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- 801546 SCHEER, D - 1968  
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- 801547 SCHAPERCLAUS, W - 1968  
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16(3)1415-1420, 5 TABLES
- 801548 WOLNY, P - 1968  
**EINFLUSS DES AUZUCHTSYSTEMS AUF DIE WINTERVERLUSTE BEI EINSOMMERIGEN KARPFFEN**  
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- 801549 STEGMAN, KAZIMIERZ - 1968  
**DER MUSTERNATURZUWACHS ALS GRUNDLAGE ZUR BESATZBERECHNUNG**  
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- 801550 WLODEK, J M - 1968  
**STUDIES ON THE VARIABILITY OF CARP POPULATIONS IN PONDS**
- INT VER THEOR ANGEW LIMNOL VERH  
16(3)1435-1439, 1 FIG
- 801551 STEFFENS, W - 1968  
**DAS DOMESTIKATIONSPROBLEM BEIM KARPFFEN (CYPRINUS CARPIO L)**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1441-1448, 3 FIGS
- 801552 MATTHEIS, TH - 1968  
**DIE BAKTERIENFLORA DES KARPFFENS (CYPRINUS CARPIO) UND IHRE BEDEUTUNG FÜR DIE TEICHWIRTSCHAFT**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1449-1453
- 801553 ENACEANU, V - 1968  
**HYDROBIOLOGISCHE UNTERSUCHUNGEN ÜBER RUMANISCHE KUSTENSEEN**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1455-1462, 4 FIGS, 4 TABLES
- 801554 FILUK, J; ZMUDZINSKI, L - 1968  
**DIE ZUSAMMENHÄNGE IN DER FISCHERNÄHRUNG IN ZALEW WISLANY**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1485-1488, 1 TABLE
- 801555 ZARNECKI, S - 1968  
**MIGRATIONS OF SEA TROUT (POLISH TAGGING EXPERIMENTS)**  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1777-1787, 5 FIGS
- 801556 GROSS, WALTER - 1968  
**PORENSCHUPPEN UND SINNESLINIEN DES THELODONTIERS PHLEBOLEPIS ELEGANS PANDER**  
PALAONTOL Z  
42(3/4)131-146, 11 FIGS
- 801557 WILD, TREVOR - 1968  
**SALTWATER CLEANERS**  
AQUARIST PONDKPR  
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- 801558 DAW, NIGEL W - 1968  
**COLOUR-CODED GANGLION CELLS IN THE GOLDFISH RETINA, EXTENSION OF THEIR RECEPTIVE FIELDS BY MEANS OF NEW STIMULI**  
J PHYSIOL (LONDON)  
197(3)567-592, 13 FIGS, 2 TABLES
- 801559 KIYOHARA, TOSHIKAZU; ITO, SHIZUO - 1968  
**ACTIVATION POTENTIAL OBSERVED IN THE CENTRIFUGED EGG OF THE JAPANESE KILLFISH (ORYZIAS LATIPES)**  
KUMAMOTO J SCI SER B SECT 2 BIOL  
9(1)23-27, 3 FIGS
- 801560 ANONYMOUS - 1968  
**HUGE RAINBOW TROUT, ANOTHER MONSTER FROM JEWEL LAKE**  
WILDLIFE REV (VANCOUVER)  
4(10)24-25, 3 FIGS
- 801561 INOUE, MASAOKI; UYENO, TERUYA - 1968  
**OCCURRENCE OF TWO PALEOGENE FISH FOSSILS AT OYUBARI COAL MINE IN CENTRAL HOKKAIDO, JAPAN**  
BULL NAT SCI MUS (TOKYO)  
11(3)319-326, 3 FIGS
- 801562 MARINARO, J-Y; BENKARA-MOSTEFA, M - 1968  
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(9)84-92, 1 FIG, 4 TABLES
- 801563 DENISON, ROBERT H - 1968



- 801564 - 801587
- MIDDLE DEVONIAN FISHES FROM THE LEMHI RANGE OF IDAHO  
FIELDIANA GEOL  
16(10)269-287, 12 FIGS
- 801564 YAMAMOTO, TOKIO; KAJISHIMA, TAKAO - 1968  
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J EXP ZOOL  
168(2)215-221, 2 FIGS, 4 TABLES
- 801565 MASSARO, EDWARD J; MARKERT, CLEMENT L - 1968  
ISOZYME PATTERNS OF SALMONID FISHES, EVIDENCE FOR MULTIPLE CISTRONS FOR LACTATE DEHYDROGENASE POLYPEPTIDES  
J EXP ZOOL  
168(2)223-238, 6 FIGS
- 801566 DECHTIAR, ALEX O - 1968  
NEOECHINORHYNCHUS CARPIODI N SP (ACANTHOCEPHALA, NEOECHINORHYNCHIDAE) FROM QUILLBACK OF LAKE ERIE  
CAN J ZOOL  
46(2)201-204, 6 FIGS
- 801567 CAPREOL, S V; SUTHERLAND, L E - 1968  
COMPARATIVE MORPHOLOGY OF JUXTAGLOMERULAR CELLS, I, JUXTAGLOMERULAR CELLS IN FISH  
CAN J ZOOL  
46(2)249-256, 4 FIGS
- 801568 CHAROUSSET, FRANCOIS - 1968  
ZUM VORKOMMEN VON BLENNIUS CANEVAE VINCIGUERRA 1887 AN DER SPANISCHEN MITTELMEERKUSTE, (PISCES, BLENNIOIDEA, BLENNIIDAE)  
SENCKENBERGIANA BIOL  
49(3/4)219-222, 2 FIGS, 2 TABLES
- 801569 WEILER, WILHELM - 1968  
DIE OTOLITHEN DER BATHYPELAGISCHEN FAMILIE MELAMPHADAE UND IHRE SYSTEMATISCHE BEDEUTUNG (PISCES)  
SENCKENBERGIANA BIOL  
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- 801570 KENNEDY, MICHAEL; FITZMAURICE, PATRICK - 1968  
OCCURRENCE OF EGGS OF BASS DICENTRARCHUS LABRAX ON THE SOUTHERN COASTS OF IRELAND  
J MAR BIOL ASS U K  
48(3)585-592, 2 FIGS, 2 TABLES
- 801571 ANONYMOUS - 1968  
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- 801572 DOOLEY, THOMAS P - 1968  
COMPARATIVE EFFECTS OF ABS AND LAS ON THE MOSQUITO MINNOW (GAMBUSIA AFFINIS)  
TEX J SCI  
20(2)147-155, 4 FIGS, 3 TABLES
- 801573 BAIRD, RONALD C - 1968  
AGGRESSIVE BEHAVIOR AND SOCIAL ORGANIZATION IN MOLLINESIA LATIPINNA LE SUEUR  
TEX J SCI  
20(2)157-176, 8 TABLES
- 801574 HUBBS, CLARK; PEDEN, ALEX E - 1968  
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TEX J SCI  
20(2)193-194, 1 TABLE
- 801575 WEBB, S DAVID; TESSMAN, NORM - 1968  
A PLIOCENE VERTEBRATE FAUNA FROM LOW ELEVATION IN MANATEE COUNTY, FLORIDA  
AMER J SCI  
266(9)777-811, 5 FIGS, 4 TABLES
- 801576 MUNK, OLE - 1968  
ON THE EYE AND THE SO-CALLED PREORBITAL LIGHT ORGAN OF THE ISOSPONDYLOUS DEEP-SEA FISH BATHYLACO NIGRICANS GOODE AND BEAN, 1896  
GALATHEA REP  
9:211-220, 11 FIGS
- 801577 NIELSEN, JORGEN G; LARSEN, VERNER - 1968  
SYNOPSIS OF THE BATHYLACONIDAE (PISCES, ISOSPONDYLI) WITH A NEW EASTERN PACIFIC SPECIES  
GALATHEA REP  
9:221-238, 19 FIGS, 4 TABLES
- 801578 NIELSEN, JORGEN G; JESPERSEN, ASE; MUNK, OLE 1968  
SPERMATOPHYTES IN OPHTHIDIOIDEA (PISCES, PERCOMORPHI)  
GALATHEA REP  
9:239-254, 35 FIGS, 1 TABLE
- 801579 KITAHARA, TAKERU - 1968  
ON SWEEPING TRAMMEL NET (KOGISASIAM) FISHERY ALONG COAST OF THE SAN-IN DISTRICT-III, MESH SELECTIVITY CURVE OF SWEEPING TRAMMEL NET FOR BRANQUILLOS  
BULL JAP SOC SCI FISH  
34(9)759-763, 6 FIGS, 1 TABLE
- 801580 KARIYA, TEIJI; ETO, SHUKO; OGASAWARA, SUSUMU 1968  
STUDIES ON THE POSTMORTEM IDENTIFICATION OF THE POLLUTANT IN FISH KILLED BY WATER POLLUTION-VIII, ON ACUTE POISONING WITH PHENOL  
BULL JAP SOC SCI FISH  
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IN JAPANESE WITH ENGLISH SUMMARY
- 801581 CHIKUNI, SHIRO - 1968  
ON THE SCALE CHARACTERS OF THE PACIFIC OCEAN PERCH IN THE BERING SEA-II, FORMATION OF THE RESTING ZONE ON SCALE, ITS TIME AND PERIODICITY  
BULL JAP SOC SCI FISH  
34(9)770-774, 3 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801582 TANAKA, SYOITI - 1968  
ESTIMATION OF FISHING COEFFICIENT OF MOJAKO BY TAGGING EXPERIMENTS ON DRIFTING SEaweeds-II, FISHING RATE OF DRIFTING SEaweED  
BULL JAP SOC SCI FISH  
34(9)775-780, 2 FIGS, 1 TABLE
- 801583 ISHIWATA, NAONORI - 1968  
ECOLOGICAL STUDIES ON THE FEEDING OF FISHES-V, SIZE OF FISH AND SATIATION AMOUNT  
BULL JAP SOC SCI FISH  
34(9)781-784, 2 FIGS, 3 TABLES  
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- 801584 ISHIWATA, NAONORI - 1968  
ECOLOGICAL STUDIES ON THE FEEDING OF FISHES-VI, EXTERNAL FACTORS AFFECTING SATIATION AMOUNT (1)  
BULL JAP SOC SCI FISH  
34(9)785-791, 4 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801585 NAKAJIMA, KENJI; EGUSA, SYUZO - 1968  
STUDIES ON A NEW TRYPAENORHYNCHAN LARVA, CALLOTETRAHYNCHUS SP, PARASITIC ON CULTURED YELLOWTAIL-I, ON THE DISTRIBUTION, MORPHOLOGY AND CLASSIFICATION  
BULL JAP SOC SCI FISH  
34(9)792-809, 16 FIGS, 5 TABLES
- 801586 HAYASHI, SEIICHI; SAITO, TSUNEYUKI - 1968  
BIOCHEMICAL STUDIES ON THE SKIN OF FISH-I, ACID-SOLUBLE NUCLEOTIDES IN THE DERMIS OF SOME FISHES  
BULL JAP SOC SCI FISH  
34(9)816-825, 7 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801587 YAMAGUCHI, KATSUMI; HASHIMOTO, KANEHISA; MATSUURA, FUMIO - 1968

- STUDIES ON A BLUE-GREEN SERUM PIGMENT OF EEL-IV, SEASONAL VARIATION OF CONCENTRATION OF PIGMENT IN SERUM**  
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826-835, 2 FIGS, 4 TABLES
- 801588 IWAI, TAMOTSU; TANAKA, MASARU - 1968  
**THE COMPARATIVE STUDY OF THE DIGESTIVE TRACT OF TELEOST LARVAE-IV, ABSORPTION OF FAT BY THE GUT OF HALFBEAK LARVAE**  
BULL JAP SOC SCI FISH  
34(10)871-875, 5 FIGS
- 801589 FUKUSHO, KUNIHICO - 1968  
**THE RACIAL DIFFERENCE OF TEMPERATURE RESPONSES AMONG CYPRINID FISHES GENUS CARASSIUS**  
BULL JAP SOC SCI FISH  
34(10)876-881, 2 FIGS, 1 TABLE
- 801590 OGURI, MIKIO; SOKABE, HIROFUMI - 1968  
**JUXTAGLOMERULAR CELLS IN THE TELEOST KIDNEYS**  
BULL JAP SOC SCI FISH  
34(10)882-888, 15 FIGS
- 801591 SERA, HIROSHI; OKUTANI, KOICHI - 1968  
**STUDIES ON CHITINOLYTIC ENZYME PRESENT IN AQUATIC ANIMALS-VII, THE CHITINOLYTIC ENZYME PRESENT IN A SEA BREAM, ACANTHOPAGRUS SCHLEGELI**  
BULL JAP SOC SCI FISH  
34(10)920-924, 7 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 801592 AMANO, HIDEOMI; HASHIMOTO, KANEHISA; MATSUURA, FUMIO - 1968  
**N-TERMINAL AMINO ACID OF EEL HEMOGLOBIN**  
BULL JAP SOC SCI FISH  
34(10)937-943, 4 FIGS, 1 TABLE
- 801593 NAGAYAMA, FUMIO; SAITO, YUJI - 1968  
**DISTRIBUTION OF AMYLASE, ALPHA-AND BETA-GLUCOSIDASE, AND BETA-GALACTOSIDASE IN FISH**  
BULL JAP SOC SCI FISH  
34(10)944-947, 1 FIG, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801594 NAGAYAMA, FUMIO; YAMADA, TAIZO; TAUTI, MASARU - 1968  
**ACTIVITIES OF UDPGLUCOSE DEHYDROGENASE, UDPGLUCURONYL TRANSFERASE, AND SOME GLYCOSIDASES OF FRESHWATER FISH DURING THE ADAPTATION TO SALT WATER**  
BULL JAP SOC SCI FISH  
34(10)950-954, 2 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801595 AMANO, HIDEOMI; HASHIMOTO, KANEHISA; MATSUURA, FUMIO - 1968  
**N-TERMINAL STRUCTURE OF FISH MYOGLOBIN**  
BULL JAP SOC SCI FISH  
34(10)955-958, 1 FIG
- 801596 AOE, HIROSHI; MASUDA, ISAO; MIMURA, TSUGUO; SAITO, TAKASHI; KOMO, ATUKO - 1968  
**REQUIREMENT OF YOUNG CARP FOR VITAMIN A**  
BULL JAP SOC SCI FISH  
34(10)959-964, 4 FIGS, 3 TABLES
- 801597 KRUSHINSKII, L V; MOLODKINA, L N; FLESS, D A; OCHINSKAYA, E I; STESHENKO, A P; ZORINA, Z A; DYAKOVA, L M - 1968  
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(3)8-19, 3 FIGS, 7 TABLES  
IN RUSSIAN
- 801598 STROGANOV, N S - 1968  
**THE TECHNIQUE OF RAPID DETERMINATION OF THE TOXICITY OF THE WATER MEDIUM**  
VESTN MOSK UNIV SER VI BIOL POCHVOVED  
(3)40-46, 1 FIG, 1 TABLE  
IN RUSSIAN
- 801599 MARS-VALLETT, A E - 1968  
LE GARDON, JACQUES BONHONNE DE LA RIVIERE  
BETES ET NATURE  
(59)22-23, 4 FIGS
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**INVENTAIRE DES COLLECTIONS ZOOLOGIQUES 1968**  
ZOO (SUPPL)  
34(1/2)23-30
- 801601 PACKARD, G C; KILGORE, D L JR - 1968  
**INTERNAL FERTILIZATION, ADAPTIVE VALUE TO EARLY AMNIOTES**  
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J FAC FISH ANIM HUSB HIROSHIMA UNIV  
7(2)193-208, 12 FIGS
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304(2)183-188, 2 FIGS
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27(2)543-549, 2 FIGS
- 801620 HOCHACHKA, P W - 1968  
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- 801622 EISER, PER S; SZABO, THOMAS - 1968  
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DIPROCTACANTHUS XANTHURUS  
AQUARIEN TERRARIEN Z  
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ZWERGHECHTLING EPIPLATYS ANNULATUS VERDIENT  
UNSERE AUFMERKSAMKEIT  
AQUARIEN MAG  
(12)492-497, 21 FIGS
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AQUARIEN MAG  
(12)501-503, 8 FIGS
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2(4)1-3, 2 FIGS
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- 801644** CHISLENKO, L L - 1968  
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12(1)30-32, 7 FIGS
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68(19)819, 1 FIG
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LIMNOL OCEANOGR  
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- 801655** KARRER, CHRISTINE - 1968  
**UBER ERSTNACHWEISE UND SELTENE ARTEN VON FISCHEN AUS DEM SUDATLANTIK (ARGENTINISCH-SUDBRASILIANISCHE KUSTE), I, MITTEILUNG**  
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- 801656** VAN SLOGTEREN, E - 1968  
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AQUARIUM (DEN HAAG)  
39(6)122-131, 15 FIGS
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PETFISH MONTHLY  
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JAP J ECOL  
18(4)158-166, 3 FIGS, 6 TABLES  
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- 801659** LANGE, SIEGFRIED P - 1968  
**ZUR MORPHOLOGIE UND TAXONOMIE DER FISCHGATTUNG UROCLES AUS JURA UND KREIDE EUROPAS**  
PALAEONTOGR ABT A PALAEOZOOLOG-STRATIGR  
131(1/4)1-78, 13 FIGS, 2 TABLES
- 801660** BRANDENBURG, WILLIAM - 1968  
**FILTRATION OF MARINE AQUARIA**  
TROPICAL FISH HOBBYIST  
17(4)4-17, 8 FIGS
- 801661** AZUMA, HIROSHI - 1968  
**JAPANESE AQUARIST SPAWNS METYNNIS**  
TROPICAL FISH HOBBYIST  
17(4)82-87, 4 FIGS
- 801662** RICHTER, HANS JOACHIM - 1968  
**COLISA FASCIATA**  
TROPICAL FISH HOBBYIST  
17(4)88-92, 7 FIGS
- 801663** FISH, MARIE POLAND - 1968  
**THE PRODUCTION OF UNDERWATER SOUND BY THE NORTHERN SEAHORSE, HIPPOCAMPUS HUDSONIUS**  
TROPICAL FISH HOBBYIST  
17(4)93-97, 2 FIGS
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ATLANTIDE REP  
(10)77-114, 13 FIGS, 4 TABLES
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FISH RES BOARD CAN TECH REP  
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A NEW STAR, PELMATOCHROMIS THOMASI  
TROPICAL FISH HOBBYIST  
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KING OF THE CORAL FISHES  
TROPICAL FISH HOBBYIST  
17(2)4-14, 10 FIGS
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APARTMENT 'SKYSCRAPER' FOR BETTAS  
TROPICAL FISH HOBBYIST  
17(2)18-25, 4 FIGS
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BLOOD AND LIGHTENING  
TROPICAL FISH HOBBYIST  
17(2)46-47 + 50-51 + 62, 4 FIGS
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TROPICAL FISH HOBBYIST  
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TROPICAL FISH HOBBYIST  
17(2)84-93, 11 FIGS
- 801673 TORTONESE, ENRICO - 1968  
CORIS JULIS (L), A COMMON MEDITERRANEAN WRASSE,  
PROBLEMS OF COLOR-PATTERN AND TAXONOMY  
TROPICAL FISH HOBBYIST  
17(1)84-87, 2 FIGS
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FLASH! THE LATEST DEVELOPMENT IN G T O  
TROPICAL FISH HOBBYIST  
17(2)96-97, 2 FIGS
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CORYDORAS MULTIMACULATUS (STEINDACHNER)/SOLDIER  
CATFISH  
TROPICAL FISH HOBBYIST  
17(1)F-208,10-F208,11, 2 FIGS
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A NEW VARIETY OF G T O GYMNOCORYMBUS TERNETZI  
TROPICAL FISH HOBBYIST  
17(1)8-14, 6 FIGS
- 801677 DOTSU, YOSHIE - 1968  
ARTIFICIAL BREEDING OF THE YELLOWTAIL  
SHIZEN  
23(8)12-15, 12 FIGS  
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BARBELS OF FLYING FISH--JUVENILE STAGES OF THE  
MEMBERS OF FLYING FISH  
SHIZEN  
23(7)12-15, 18 FIGS  
IN JAPANESE
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RIVULUS HOLMIAE  
TROPICAL FISH HOBBYIST  
17(1)91-95, 7 FIGS
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IMPOUNDMENTS IN EASTERN ARIZONA  
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5(2)80-85, 3 FIGS, 3 TABLES
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EVOLUTION OF CELLULAR DNA CONTENT IN TELEOST  
FISHES  
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102(928)517-523, 2 FIGS, 1 TABLE
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MATURITY AND SPAWNING PERIODICITY OF THE  
GIZZARD SHAD, DOROSOMA CEPEDIANUM,  
IN BEAVER RESERVOIR  
PROC ARKANSAS ACAD SCI  
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- 801685 BACON, EDMOND J JR; KILAMBI, RAJ V - 1968  
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WATERS  
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THE STIMULATION OF RELATIONS IN THE COURSE OF  
COMPETITION FOR FOOD BETWEEN FISH POPULATIONS  
ZOO ZH  
47(11)1597-1602, 4 FIGS, 2 TABLES  
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FORMOSA  
AMER NATUR  
102(928)555-558, 1 FIG
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EFFECTS OF MATING ON SUBSEQUENT DEVELOPMENT OF  
A PARASITIC COPEPOD  
J PARASITOL  
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54(6)1141-1143, 7 FIGS, 1 TABLE
- 801691 OSBORNE, P J; SHOTTON, F W - 1968  
THE FAUNA OF THE CHANNEL DEPOSIT OF EARLY  
SAALIAN AGE AT BRANDON, WARWICKSHIRE  
PHIL TRANS ROY SOC LONDON SER B BIOL SCI  
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FISH RES BOARD CAN TECH REP  
(27)1-21, 11 FIGS, 2 TABLES
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FISH RES BOARD CAN TECH REP  
(76)1-24, 1 FIG, 5 TABLES
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NUMBERS OF ATLANTIC SALMON AND BROOK TROUT  
CAPTURED AND MARKED AT THE LITTLE CODROY RIVER,  
NEWFOUNDLAND, COUNTING FENCE AND AUXILIARY  
TRAPS, 1954-1963  
FISH RES BOARD CAN TECH REP  
(84)II + 1-135, 2 FIGS, 175 TABLES
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A COUNTING FENCE OF NETTING FOR ATLANTIC SALMON  
IN THE ESTUARY OF THE LITTLE CODROY RIVER,  
NEWFOUNDLAND  
FISH RES BOARD CAN TECH REP  
(38)1-19, 9 FIGS, 3 TABLES
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FISH RES BOARD CAN TECH REP  
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L'EPITHELIUM SENSORIEL DE L'ORGANE PINEAL DE LA  
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SEA FRONTIERS  
14(3)130-137, 4 FIGS
- 801705 PERRIN, WILLIAM F - 1968
- THE PORPOISE AND THE TUNA  
SEA FRONTIERS  
14(3)166-174, 7 FIGS
- 801706 ODUM, WILLIAM E - 1968  
PESTICIDE POLLUTION IN ESTUARIES  
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14(4)234-245, 7 FIGS
- 801707 CHURCH, R E (RON) - 1968  
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14(4)246-249, 4 FIGS
- 801708 HUNTER, JOHN R - 1968  
FISHES BENEATH FLOTSAM  
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14(5)280-288, 5 FIGS
- 801709 LIVINGSTON, ROBERT J - 1968  
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14(5)290-299, 6 FIGS
- 801710 ALBRECHT, HELMUT - 1968  
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14(5)300-307, 4 FIGS
- 801711 ANONYMOUS - 1968  
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14(6)331, 1 FIG
- 801712 JOYCE, EDWIN A JR - 1968  
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14(6)352-359, 8 FIGS
- 801713 WALKER, BRAZ - 1968  
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1(11)6-7, 44-49, 7 FIGS
- 801714 TOMEY, WILLIAM A - 1968  
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1(11)8-14, 11 FIGS
- 801715 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART  
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1(11)34-35, 50-57, 8 FIGS
- 801716 WALKER, BRAZ - 1968  
THE TRICOLOR OR BALA 'SHARK'  
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1(12)4-5, 37-39, 6 FIGS
- 801717 KLEE, ALBERT J - 1968  
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1(12)6-7, 42-48, 10 FIGS
- 801718 GOLDSTEIN, ROBERT J - 1968  
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1(12)28, 74-78, 5 FIGS
- 801719 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART  
II  
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1(12)30-31 + 50 + 52-54, 4 FIGS



801720 - 801746	801720	CONNELLY, HARRIET - 1968 THE PIKE LIVEBEARER AQUARIUM 2(1)4-5 + 46-50, 4 FIGS	THE AGONISTIC BEHAVIOUR OF JUVENILE BLENNIUS PHOLIS L (TELEOSTEI) BEHAVIOUR 30(2/3)192-217, 8 FIGS, 4 TABLES	
	801721	TORRES, GEORGE - 1968 THE GOLDEN CELLOPHANE BETTA AQUARIUM 2(1)6-7 + 43-45, 4 FIGS	801735	BEUKEMA, J J - 1968 PREDATION BY THE THREE-SPINED STICKLEBACK (GASTEROSTEUS ACULEATUS L): THE INFLUENCE OF HUNGER AND EXPERIENCE BEHAVIOUR 31(1/2)1-26, 27 FIGS, 13 TABLES
	801722	CURRIER, JERRY; SMITH, MARTY - 1968 A SHORT DISCUSSION ON CHEMISTRY AQUARIUM 2(1)18-20 + 59, 1 FIG	801736	KOSTENKO, S M; PASHKEVICHUTE, A S - 1968 THE DISCOVERY OF HYPERPARASITIC INFUSORIA TRICHODINA STRELKOVI ON MONOGENETIC FLUKES DOPOV AKAD NAUK UKR RSR SER B (12)1124-1126, 2 FIGS, 1 TABLE IN RUSSIAN
	801723	KLEE, ALBERT J - 1968 A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 12 AQUARIUM 2(1)32-33 + 52-58, 9 FIGS	801737	SUNDARARAJ, BANGALORE I; GOSWAMI, SHASHI V 1968 EFFECTS OF ESTROGEN, PROGESTERONE, AND TESTOSTERONE ON THE PITUITARY AND OVARY OF CATFISH, HETEROPNEUSTES FOSSILIS (BLOCH) J EXP ZOO 169(2)211-228, 21 FIGS, 3 TABLES
	801724	DAVIDSON, ABBEY - 1968 A SPAWNING ATTEMPT AT BLUE BOTIA AQUARIUM 2(1)36-37 + 75-78, 6 FIGS	801738	EMMART, E W; WILHELMI, A E - 1968 IMMUNOCHEMICAL STUDIES WITH PROLACTIN-LIKE FRACTIONS OF FISH PITUITARIES GEN COMP ENDOCRINOL 11(3)515-527, 5 FIGS, 1 TABLE
	801725	TOMEY, WILLIAM A - 1968 THE THICKLIPPED GOURAMI AQUARIUM 2(2)4-5 + 39-42, 9 FIGS	801739	EDDY, JEAN M P; STRAHAN, RONALD - 1968 THE ROLE OF THE PINEAL COMPLEX IN THE PIGMENTARY EFFECTOR SYSTEM OF THE LAMPREYS, MORDACIA MORDAX (RICHARDSON) AND GEOTRIA AUSTRALIS GRAY GEN COMP ENDOCRINOL 11(3)528-534, 3 FIGS, 1 TABLE
	801726	CHHAPGAR, B F - 1968 BREEDING THE REDTAILED SHARK AQUARIUM 2(2)6-7 + 43-45, 5 FIGS	801740	ACHER, R J; CHAUVET, J; CHAUVET, M T; CREPY, D 1968 MOLECULAR EVOLUTION OF NEUROHYPOPHYSIAL HORMONES, COMPARISON OF THE ACTIVE PRINCIPLES OF THREE BONY FISHES GEN COMP ENDOCRINOL 11(3)535-538, 3 TABLES
	801727	TOMEY, WILLIAM A - 1968 THE FIRETAIL RIVULUS AQUARIUM 2(2)10-15, 13 FIGS	801741	DONALDSON, EDWARD M; FAGERLUND, ULF H - 1968 CHANGES IN THE CORTISOL DYNAMICS OF SOCKEYE SALMON (ONCORHYNCHUS NERKA) RESULTING FROM SEXUAL MATURATION GEN COMP ENDOCRINOL 11(3) 552-561, 4 FIGS, 3 TABLES
	801728	KLEE, ALBERT J - 1968 A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 13 AQUARIUM 2(2)32-33 + 49-50 + 52-57, 8 FIGS	801742	EMMART, E W; BATES, R W - 1968 THE USE OF IMMUNOCHEMICAL BINDING AND SEPHADEX FILTRATION IN PROCEDURES TOWARD THE PURIFICATION OF OVINE AND PISCINE 'PROLACTIN' GEN COMP ENDOCRINOL 11(3)580-594, 9 FIGS, 3 TABLES
	801729	TOMEY, WILLIAM A - 1968 APISTOGRAMMA WICKLERI AQUARIUM 2(2)34-38, 5 FIGS	801743	BLUM, VOLKER - 1968 IMMUNOLOGICAL DETERMINATION OF INJECTED MAMMALIAN PROLACTIN IN CICHLID FISHES GEN COMP ENDOCRINOL 11(3)595-602, 5 FIGS
	801730	LUCAS, G A - 1968 FACTORS AFFECTING SEX DETERMINATION IN BETTA SPLENDENS GENETICS 60(1)PART 2, 199-200	801744	RIVAS, LUIS R; COOK, BARBARA A - 1968 RELATIONSHIPS OF THE WESTERN PACIFIC 'PERCICHTHYID' FISH, NIPHON SPINOSUS, WITH THE FAMILY CENTROPOMIDAE WASMANN J BIOL 26(2)201-208, 3 TABLES
	801731	WRIGHT, JAMES E; ATHERTON, LOUISA - 1968 GENETIC CONTROL OF INTERALLELIC RECOMBINATION AT THE LDH B LOCUS IN BROOK TROUT, SALVELINUS FONTINALIS GENETICS 60(1)PART 2, 240	801745	MINCKLEY, W L; COLE, GERALD A - 1968 PRELIMINARY LIMNOLOGIC INFORMATION ON WATERS OF THE CUATRO CIENEGAS BASIN, COAHUILA, MEXICO SOUTHWEST NATUR 13(4)421-431, 3 FIGS, 2 TABLES
	801732	DUNHAM, DAVID W; KORTMULDER, K; VAN IERSEL, J J A - 1968 THREAT AND APPEASEMENT IN BARBUS STOLICZKANUS (CYPRINIDAE) BEHAVIOUR 30(1)15-26, 3 FIGS, 2 TABLES	801746	ANONYMOUS - 1968
	801733	FRANCK, DIERK - 1968 WEITERE UNTERSUCHUNGEN ZUR VERGLEICHENDEN ETHOLOGIE DER GATTUNG XIPHOPHORUS (PISCES) BEHAVIOUR 30(1)76-95, 5 FIGS, 3 TABLES		
	801734	GIBSON, R N - 1968		

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ESTUARINE AND INLET FISHERY, BAIT FISHERY,  
QUEENSLAND REEF FISHERY, RIVER MURRAY REACH  
FISHERY  
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27(11)21-33
- 801747 MERCIECA, ANTHONY; MILLER, ROBERT C - 1969  
THE SPAWNING OF THE GRUNION  
PAC DISCOVERY  
22(1)26-27, 4 FIGS
- 801748 SOMERO, GEORGE N; HOCHACHKA, P W - 1968  
THE EFFECT OF TEMPERATURE ON CATALYTIC AND  
REGULATORY FUNCTIONS OF PYRUVATE KINASES OF THE  
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BERNACCHII  
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110(3)395-400, 5 FIGS, 2 TABLES
- 801749 REID, K B M; GRANT, P T; YOUNGSON, A - 1968  
THE SEQUENCE OF AMINO ACIDS IN INSULIN ISOLATED  
FROM ISLET TISSUE OF THE COD (GADUS CALLARIAS)  
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110(2)289-296, 4 FIGS, 2 TABLES
- 801750 THOMAS, ROBERT J - 1968  
CYTOKINESIS DURING EARLY DEVELOPMENT OF A  
TELEOST EMBRYO, BRACHYDANIO RERIO  
J ULTRASTRUCT RES  
24(3/4)232-238, 7 FIGS
- 801751 FORRESTER, C R; ALDERDICE, D F - 1968  
PRELIMINARY OBSERVATIONS ON EMBRYONIC  
DEVELOPMENT OF THE FLATHEAD SOLE  
(HIPPOGLOSSOIDES ELASSODON)  
FISH RES BOARD CAN TECH REP  
(100)1-20, 9 FIGS, 7 TABLES
- 801752 WILLIAMS, K A W - 1968  
SOME FRESHWATER FISH AND CRUSTACEA OF FRASER  
ISLAND  
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19(1/3)43
- 801753 HEWITT, G C - 1968  
SOME NEW ZEALAND PARASITIC COPEPODA OF THE  
FAMILY ANTHOSOMIDAE  
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(47)1-31, 101 FIGS
- 801754 ALLEN, JOHN ROBERT LAWRENCE;  
HALSTEAD, LAMBERT BEVERLY; TURNER, SUSAN - 1968  
DITTONIAN OSTRACODERM FAUNA FROM THE  
BROWNSTONES OF WILDERNESS QUARRY, MITCHELDEAN,  
GLOUCESTERSHIRE  
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(1649)141-153, 3 FIGS
- 801755 ROE, ROBERT A - 1968  
ANNU REP DIV FISH GAME N J 1967-1968  
1-48, 8 FIGS, 2 TABLES
- 801756 PENAZ, MILAN; KUBICEK, FRANTISEK; MARVAN, PETR;  
ZELINKA, MILOŠ - 1968  
INFLUENCE OF THE VIR RIVER VALLEY RESERVOIR ON  
THE HYDROBIOLOGICAL AND ICHTHYOLOGICAL  
CONDITIONS IN THE RIVER SVRATKA  
ACTA SCI NATUR BRNO  
2(1)1-60, 13 FIGS, 20 TABLES
- 801757 MUNSHI, J S DATTA - 1968  
THE ACCESSORY RESPIRATORY ORGANS OF ANABAS  
TESTUDINEUS (BLOCH) (ANABANTIDAE, PISCES)  
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179(1)107-126, 25 FIGS, 1 TABLE
- 801758 NIELSEN, JØRGEN G; COHEN, DANIEL M - 1968  
REDESCRIPTION OF BELLOTTIA APODA GIGLIOLI, 1883  
(PICES, OPHIDIIDAE)  
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179(1)99-106, 3 FIGS, 2 TABLES
- 801759 OISSAR, ANTS - 1968  
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EESTI LOODUS  
11(8)474  
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- 801760 DIENER, RICHARD A - 1968  
FISH FOOD STUDY  
U S FISH WILDLIFE SERV CIRC  
(295)27-28, 1 TABLE
- 801761 ITO, JIRO; MOCHIZUKI, HISASHI - 1968  
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17(2)69-74, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801762 GUPTA, A N - 1968  
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(DIGENEA) WITH DESCRIPTION OF THREE NEW SPECIES  
AND DISCUSSION ON STATUS OF GENERA  
DIPLOPROCTODAEUM LA RUE 1926, BIANIUM STUNKARD,  
1930, AND DIPLOCREADUM PARK, 1939  
JAP J PARASITOL  
17(2)139-148, 3 FIGS
- 801763 LANE, E DAVID; STEWART, KENNETH W - 1968  
A REVISION OF THE GENUS HOPLUNNIS KAUP (APODES,  
MURAENOSOCIDAE), WITH A DESCRIPTION OF A NEW  
SPECIES  
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13:51-64, 3 FIGS, 1 TABLE
- 801764 NICOL, J A C; VAN BAALEN, C - 1968  
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13:65-88, 12 FIGS, 1 TABLE
- 801765 WOHLSCHLAG, DONALD E; CAMERON, JAMES N;  
CECH, JOSEPH J JR - 1968  
SEASONAL CHANGES IN THE RESPIRATORY METABOLISM  
OF THE PINFISH (LAGODON RHOMBOIDES)  
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31:89-104, 3 FIGS, 1 TABLE
- 801766 BERRY, FREDERICK H - 1968  
A NEW SPECIES OF CARANGID FISH (DECAPTERUS  
TABL) FROM THE WESTERN ATLANTIC  
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13:145-167, 4 FIGS, 5 TABLES
- 801767 ENDO, AKIRA; INGALLS, THEODORE H - 1968  
CHROMOSOMES OF THE ZEBRA FISH, A MODEL FOR  
CYTOGENETIC, EMBRYOLOGIC, AND ECOLOGIC STUDY  
J HERED  
59(6)382-384, 3 FIGS, 1 TABLE
- 801768 MCDONALD, ARTHUR L; HEIMSTRA, NORMAN W;  
DAMKOT, DAVID K - 1968  
SOCIAL MODIFICATION OF AGONISTIC BEHAVIOUR IN  
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16(4)437-441, 2 TABLES
- 801769 BAENNINGER, RONALD - 1968  
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- 801770 MANDRIOTA, FRANK J; THOMPSON, ROBERT L;  
BENNETT, MICHAEL V L - 1968  
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ORGAN DISCHARGE IN MORMYRID FISH  
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16(4)448-455, 3 FIGS
- 801771 LILEY, N R - 1968  
THE ENDOCRINE CONTROL OF REPRODUCTIVE BEHAVIOR  
IN THE FEMALE GUPPY, POECILIA RETICULATA PETERS  
ANIM BEHAV

- 801772 YAGER, DEAN; JAMESON, DOROTHEA - 1968  
ON CRITERIA FOR ASSESSING TYPE OF COLOUR VISION  
IN ANIMALS  
ANIM BEHAV  
16(1)29-31, 1 FIG, 1 TABLE
- 801773 MUNTZ, W R A - 1968  
ON CRITERIA FOR TRICHROMATIC VISION: A REPLY TO  
YAGER AND JAMESON  
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- 801774 JACOBS, DAVID W; TAVOLGA, WILLIAM N - 1968  
ACOUSTIC FREQUENCY DISCRIMINATION IN THE  
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16(1)67-71, 1 TABLE
- 801775 ROTHSCCHILD, BRIAN J; UCHIDA, RICHARD N - 1968  
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THE PACIFIC OCEAN  
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- 801776 EDWARDS, ROBERT L - 1968  
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- 801777 BULLIS, HARVEY R JR; CARPENTER, JAMES S - 1968  
LATENT FISHERY RESOURCES OF THE CENTRAL WEST  
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4:61-64, 1 TABLE
- 801778 AHLSTROM, ELBERT H - 1968  
AN EVALUATION OF THE FISHERY RESOURCES  
AVAILABLE TO CALIFORNIA FISHERMEN  
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- 801779 SCHAEFER, MILNER B; ALVERSON, DAYTON L - 1968  
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- 801780 ALVERSON, DAYTON L - 1968  
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OCEAN  
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4:86-101, 12 FIGS, 8 TABLES
- 801781 KRISTJONSSON, HILMAR - 1968  
FISHING STRATEGY. RECENT DEVELOPMENTS AND  
FUTURE OUTLOOK  
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- 801782 DE FEVER, ARTHUR - 1968  
MODERN US TUNA VESSEL CONSTRUCTION DESIGN AND  
FUTURE TRENDS  
UNIV WASH PUBL FISH NS  
4:134-140, 3 FIGS
- 801783 GILBERT, JOHN W - 1968  
MODERN FISHING VESSELS OF NEW ENGLAND  
UNIV WASH PUBL FISH NS  
4:145-152, 5 FIGS
- 801784 FULTON, GEORGE - 1968  
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- 801785 MCNEELY, RICHARD L - 1968  
MIDWATER TRAWLING WHERE WE ARE NOW...WHERE WE
- 801786 JAKOBSSON, JAKOB; LYOSSON, SIGURBUR - 1968  
THE ICELANDIC HERRING SEARCH SYSTEM  
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4:170-172, 1 FIG
- 801787 BELL, F HEWARD - 1968  
THE PACIFIC HALIBUT HIPPOGLOSSUS FISHERY  
UNIV WASH PUBL FISH NS  
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- 801788 GOLDSTEIN, LEON; OPPELT, W WALTER;  
MAREN, THOMAS H - 1968  
OSMOTIC REGULATION AND UREA METABOLISM IN THE  
LEMON SHARK NEGAPRION BREVIROSTRIS  
AMER J PHYSIOL  
215(6)1493-1497, 4 FIGS, 3 TABLES
- 801789 DAVIS, WILLIAM P; COHEN, DANIEL M - 1968  
A GOBIID FISH AND A PALAEMONID SHRIMP LIVING ON  
AN ANTIPATHARIAN SEA WHIP IN THE TROPICAL  
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BULL MAR SCI  
18(4)749-761, 6 FIGS, 2 TABLES
- 801790 TOPP, ROBERT W; COLE, CHARLES F - 1968  
AN OSTEOLOGICAL STUDY OF THE SCIAENID GENUS  
SCIAENOPS GILL (TELEOSTEI, SCIAENIDAE)  
BULL MAR SCI  
18(4)902-945, 13 FIGS, 1 TABLE
- 801791 ANONYMOUS - 1968  
FISH TRAPS IN PAPUA-NEW GUINEA  
AUST FISH NEWSLETT  
27(12)23-24, 2 FIGS
- 801792 CARLSON, KEITH J - 1968  
THE SKULL MORPHOLOGY AND ESTIVATION BURROWS OF  
THE PERMIAN LUNGFISH, GNATHORHIZA SERRATA  
J GEOL  
76(6)641-663, 4 FIGS, 5 TABLES
- 801793 JUBB, R A - 1968  
A NEW CHETIA (PISCES CICHLIDAE) FROM THE  
INCOMATI RIVER SYSTEM, EASTERN TRANSVAAL, SOUTH  
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ANN CAPE PROV MUS  
6(7)71-76, 5 FIGS
- 801794 DANNEVEG, GUNNAR - 1968  
ACID WATER AND MORTALITY ON THE TROUT. THE  
SITUATION IN SOME SOUTH NORWEGIAN WATERCOURSES  
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30(2)53-60, 1 FIG, 2 TABLES  
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- 801795 SVARDSON, GUNNAR - 1968  
THE PREDATION BY EEL ON CRAYFISH  
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30(2)61-72, 1 FIG  
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- 801796 HABERMAN, HENN; KIRSIPUU, A; TAMMERT, M - 1968  
ON THE DIFFERENCES IN THE CHARACTERISTICS OF  
PRODUCTION BIOLOGY OF THE BREEM IN THE LAKES  
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EESTI NSV TEAD AKAD TOIM BIOL SEER  
17(4)357-361, 6 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801797 LAWLER, ADRIAN R - 1968  
OCCURRENCE OF THE PARASITIC DINOFLAGELLATE  
ODDINIUM CYPRINODONTUM LAWLER, 1967 IN NORTH  
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19(4)240, 1 TABLE
- 801798 DONNAN, CHRISTOPHER B; MOSELEY, M EDWARD - 1968



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- 801799** ANONYMOUS - 1968  
**C S I R O (COMMONW SCI IND RES ORGAN)**  
DIV FISH OCEANOGR ANNU REP 1967-68  
1-54, 5 FIGS, 5 TABLES
- 801800** FRANKOWIAK, ROBERT - 1968  
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19(1)30-33, 10 FIGS
- 801801** ANONYMOUS - 1968  
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26(1)17, 1 FIG
- 801802** NORDWIG, ARNOLD - 1968  
**UNTERSUCHUNGEN UBER KOLLAGENE AUS**  
**INVERTEBRATEN: EIN BEITRAG ZUR EVOLUTION VON**  
**STRUKTURPROTEINEN**  
MITT MAX PLANCK GES FORDER WISS  
(5)316-329, 4 FIGS, 3 TABLES
- 801803** LEVINGS, C D - 1968  
**REPORT ON GROUND FISH CRUISE OF C G S G B REED**  
**TO HEcate STRAIT IN FEBRUARY 1968**  
FISH RES BOARD CAN TECH REP  
(62)1-41, 4 FIGS, 4 TABLES
- 801804** MCCrackEN, F D - 1968  
**COD AND HADDOCK CATCHES BY MARITIME TRAWLERS ON**  
**THE SCOTIAN SHELF AND GEORGES BANK, 1965**  
FISH RES BOARD CAN TECH REP  
(86)1-18, 25 FIGS
- 801805** WESTRHEIM, S J; HARLING, W R; DAVENPORT, D  
1968  
**G B REED GROUND FISH CRUISE NO 67-2, SEPTEMBER 6**  
**TO OCTOBER 4, 1967**  
FISH RES BOARD CAN TECH REP  
(46)1-45, 4 FIGS, 9 TABLES
- 801806** HARLING, W R; DAVENPORT, D; MCLEOD, L E;  
WESTRHEIM, S J - 1968  
**G B REED GROUND FISH CRUISE NO 68-2 APRIL 2 TO**  
**JUNE 11 1968**  
FISH RES BOARD CAN TECH REP  
(81)1-63, 4 FIGS, 8 TABLES
- 801807** PREST, JANICE - 1968  
**CATCH AND EFFORT STATISTICS OF THE BRITISH**  
**COLUMBIA TRAWL FISHERY IN 1967**  
FISH RES BOARD CAN TECH REP  
(56)1-85, 2 FIGS, 36 TABLES
- 801808** LEBEDEV, B I - 1968  
**DIPLECTANOTREMA PRIACANTHI SP N (MONOGENOIDEA,**  
**ANCYROCEPHALINAE) IN THE DIGESTIVE TRACT OF**  
**PRIACANTHUS SP**  
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(4)38-41, 1 FIG  
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- 801809** KOMAROVA, T I - 1968  
**ON INTERPRETATION OF LIFE CYCLE OF DIGENETIC**  
**PLAGIOPORUS SKRJABINI KOWAL, 1951 (TREMATOIDEA**  
**OPECOELIDAE)**  
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(4)80-82, 1 FIG  
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- 801810** CHEEK, RANDALL P - 1968  
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(614)1-13, 18 FIGS
- 801811** CHOAT, J H - 1968  
**THE STATUS OF PSEUDOLABRUS PSITTACULUS**
- (RICHARDSON 1840) WITH NOTES ON OTHER SPECIES 801799 - 801823  
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10(16)151-157, 4 FIGS, 1 TABLE
- 801812** DRILHON, ANDREE; FINE, JEAN-MARIUS;  
BOFFA, GEORGES A - 1968  
**ETUDE COMPAREE DES PROTEINES SERIQUES DE DEUX**  
**CYCLOSTOMES: PETROMYZON MARINUS ET LAMPETRA**  
**FLUVIATILIS (L)**  
C R SEANCES SOC BIOL  
162(4)862-866, 3 FIGS
- 801813** DEMAEL-SUARD, A; GARIN, D; PERES, GABRIEL  
1968  
**INFLUENCE DE LA SAISON SUR LES CATECHOLAMINES**  
**CIRCULANTES DE LA TANCHE (TINCA VULGARIS C)**  
C R SEANCES SOC BIOL  
162(4)924-926, 1 TABLE
- 801814** SEDALLIAN, A - 1968  
**RECHERCHE DE GERMES CHITINOLYTIQUES DANS LE**  
**TUBE DIGESTIF D'UN SELACIEN (SCYLIORHINUS**  
**CANICULA)**  
C R SEANCES SOC BIOL  
162(4)949-951
- 801815** ANONYMOUS - 1968  
CALIF COOP OCEANIC FISH INVEST REP 12, 1 JULY  
1966 TO 30 JUNE 1967  
1-69, 22 FIGS, 12 TABLES
- 801816** PAPERNA, ILAN - 1968  
**ECTOPARASITIC INFECTIONS ON FISH OF VOLTA LAKE,**  
**GHANA**  
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4(4)135-137, 1 TABLE
- 801817** KANNO, SAKARI - 1968  
**TWO HYBRIDS BETWEEN LEUCISCUS CEPHALUS (L) AND**  
**ALBURNUS ALBURNUS (L) FROM FINLAND**  
ANN ZOO FENNICI  
5(4)324-326, 3 FIGS, 1 TABLE
- 801818** KOO, TED S Y; ISARANKURA, ANDHI - 1968  
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**CHINOOK SALMON ONCORHYNCHUS TSHAWYTSCHA**  
**(WALBAUM)**  
U S FISH WILDLIFE SERV FISH BULL  
66(2)165-180, 16 FIGS, 2 TABLES
- 801819** UCHIDA, RICHARD N - 1968  
**CATCH AND ESTIMATES OF FISHING EFFORT AND**  
**APPARENT ABUNDANCE IN THE FISHERY FOR SKIPJACK**  
**TUNA (KATSUWONUS PELAMIS) IN HAWAIIAN WATERS**  
1952-62  
US FISH WILDLIFE SERV FISH BULL  
66(2)181-194, 8 FIGS, 13 TABLES
- 801820** HUTTON, KENNETH E - 1968  
**CHARACTERISTICS OF THE BLOOD OF ADULT PINK**  
**SALMON AT THREE STAGES OF MATURITY**  
US FISH WILDLIFE SERV FISH BULL  
66(2)195-202, 7 FIGS, 2 TABLES
- 801821** UTTER, FRED M; RIDGWAY, GEORGE J - 1968  
**CROSS-REACTIVE PROPERTIES OF ANTISERA PREPARED**  
**IN RABBITS BY STIMULATIONS WITH TELEOST**  
**VITELLINS**  
US FISH WILDLIFE SERV FISH BULL  
66(2)203-207, 2 FIGS, 3 TABLES
- 801822** RIVAS, LUIS R; WARLEN, STANLEY M - 1968  
**SYSTEMATICS AND BIOLOGY OF THE BONEFISH, ALBULA**  
**NEMOPTERA (FOWLER)**  
US FISH WILDLIFE SERV FISH BULL  
66(2)251-258, 13 TABLES
- 801823** SKUD, BERNARD E - 1968  
**RESPONSES OF MARINE ORGANISMS DURING THE SOLAR**  
**ECLIPSE OF JULY 1963**  
US FISH WILDLIFE SERV FISH BULL  
66(2)259-271, 9 FIGS, 2 TABLES

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(TUCCIDAE) PARASITIC ON DIODONTID AND  
TETRAODONTID FISHES  
US FISH WILDLIFE SERV FISH BULL  
66(2)285-298, 27 FIGS, 6 TABLES
- 801825 MATSUMOTO, WALTER M - 1968  
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ACANTHOCTYBIUM SOLANDRI (CUVIER) IN THE CENTRAL  
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US FISH WILDLIFE SERV FISH BULL  
66(2)299-322, 7 FIGS, 10 TABLES
- 801826 SILLIMAN, RALPH P - 1968  
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EXPERIMENTAL FISH POPULATIONS  
US FISH WILDLIFE SERV FISH BULL  
66(2)425-439, 9 FIGS, 10 TABLES
- 801827 GREENHAM, P M - 1968  
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16(5)841-848, 3 FIGS, 2 TABLES
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- 801829 CUSHING, D H - 1968  
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(575)III + 1-16, 3 TABLES
- 801831 BAILEY, GEORGE S; WILSON, ALLAN C - 1968  
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243(22)5843-5853, 7 FIGS, 3 TABLES
- 801832 SIMPSON, T H; WRIGHT, R S; HUNT, S V - 1968  
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42(4)519-527, 3 TABLES
- 801833 ALEEM, ANWAR ABDEL - 1968  
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- 801834 MERRIMAN, DANIEL - 1968  
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- 801835 WOLFF, TORBEN - 1968  
THE DANISH EXPEDITION TO 'ARABIA FELIX'  
(1761-1767)  
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581-601, 10 FIGS
- 801836 BURSTYN, HAROLD L - 1968  
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REPORT  
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- 801837 RONAN, COLIN A - 1968  
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639-649, 5 FIGS
- 801838 YAMASHITA, HIDEO - 1968  
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PROTEIN FRACTIONS DURING STORAGE  
BULL JAP SOC SCI FISH  
34(12)1059-1065, 2 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801839 TAE, KIM LI - 1968  
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KOREAN NATURE  
(3)6-7, 3 FIGS
- 801840 TAKEUCHI, SHOICHI - 1968  
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THE CATCH  
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34(11)969-972, 3 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801841 IWAI, TAMOTSU - 1968  
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TELEOST LARVAE-V, FAT ABSORPTION IN THE GUT  
EPITHELIUM OF GOLDFISH LARVAE  
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34(11)973-978, 1 FIG
- 801842 SHIMMA, HISAKO; SHIMMA, YAICHIRO - 1968  
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34(11)1015-1021, 5 TABLES  
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- 801843 KIMURA, SHIGERU; KUBOTA, MINORU - 1968  
STUDIES ON ELASTOIDIN-IV, HYDROTHERMAL  
STABILITY OF ELASTOIDIN  
BULL JAP SOC SCI FISH  
34(11)1036-1039, 4 FIGS, 1 TABLE
- 801844 SAKAGUCHI, MORIHIKO; KAWAI, AKIRA - 1968  
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AND SOME PROPERTIES OF HISTIDINE DEAMINASE FROM  
MACKEREL MUSCLE  
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34(11)1040-1046, 5 FIGS, 2 TABLES
- 801845 NAGAYAMA, FUMIO; HAYASHI, MASARO - 1968  
PROPERTIES OF B-GLUCURONIDASE OF RAINBOW TROUT,  
SKIPJACK, AND ABALONE  
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34(11)1047-1057, 11 FIGS, 9 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801846 TAMBS-LYCHE, HANS (EDITOR) - 1968  
CONS INT EXPLOR MER BULL STATIST PECHEs MARIT  
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51:1-79, 2 FIGS, 20 TABLES
- 801847 YAMASHITA, HIDEO - 1968  
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SEBASTISCUS MARMORATUS-IV, CHANGE OF THE  
AMOUNT OF BLOOD ELEMENTS AND THE  
ELECTROPHORETIC PATTERN OF SERUM PROTEIN UNDER  
THE INFLUENCE OF STRESS  
BULL JAP SOC SCI FISH  
34(12)1066-1071, 2 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801848 NAKAGOME, JUN; ISOBE, KAZUO - 1968  
ON THE CAUSES OF ANNUAL VARIATION OF ALBACORE  
CATCH IN THE CORAL AND TASMAN SEAS-I, RELATION  
BETWEEN AGE COMPOSITION BY SUB-AREAS AND ANNUAL  
VARIATION OF HOOK RATE  
BULL JAP SOC SCI FISH  
34(12)1072-1077, 5 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY

- 801849 NAKAGOME, JUN; ISOBE, KAZUO - 1968  
ON THE CAUSES OF ANNUAL VARIATION OF ALBACORE  
CATCH IN THE CORAL AND TASMAN SEAS-II, MONTHLY  
AND ANNUAL VARIATIONS OF SEA SURFACE  
TEMPERATURE AND THEIR RELATION TO MONTHLY AND  
ANNUAL VARIATIONS OF HOOK RATE  
BULL JAP SOC SCI FISH  
34(12)1078-1082, 4 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 801850 IGARASHI, KIYOSHI - 1968  
OBSERVATION ON THE DEVELOPMENT OF THE SCUTES IN  
A TEN-SPINED STICKLEBACK, MUSASHI TOMIYO,  
PUNGITIUS SP  
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34(12)1083-1087, 4 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 801851 OKADA, KEISUKE - 1968  
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IN THE EAST CHINA AND THE YELLOW SEAS-V  
DISTRIBUTION AND MOVEMENT IN THE YELLOW SEA AS  
ASCERTAINED BY TAGGING DURING 1965  
BULL JAP SOC SCI FISH  
34(12)1088-1095, 5 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801852 MUGIYA, YASUO - 1968  
CALCIFICATION IN FISH AND SHELL-FISH-VII  
HISTOCHEMICAL SIMILARITIES BETWEEN THE OTOLITH  
AND THE MACULA REGION OF SACculus IN JUVENILE  
RAINBOW TROUT, WITH SPECIAL REFERENCE TO THE  
OTOLITH FORMATION OF FISH  
BULL JAP SOC SCI FISH  
34(12)1096-1106, 8 FIGS, 1 TABLE
- 801853 SATO, RYUHEI; OMORI, MICHIO; MAIWA, TAKASHI  
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SPAWNING FISH TO RIVERS FROM THE COASTAL SEA  
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BULL JAP SOC SCI FISH  
34(12)1107-1111, 5 FIGS
- 801854 OLCOTT, H S; RICHARDS, E G; VAN DER VEEN, J;  
MEDWADOWSKI, B F - 1968  
ABSENCE OF LIPID RESIDUES IN PURIFIED MYOSIN  
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34(12)1112-1113
- 801855 TAKASE, YOSHIYUKI; SHIMIZU, MASANAO;  
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34(12)1118-1123, 5 FIGS, 5 TABLES
- 801856 WATANABE, TAKESHI; HASHIMOTO, YOSHIRO - 1968  
TOXIC COMPONENTS OF OXIDIZED SAURY OIL INDUCING  
MUSCULAR DYSTROPHY IN CARP  
BULL JAP SOC SCI FISH  
34(12)1131-1140, 5 FIGS, 6 TABLES
- 801857 OKUTANI, KOICHI; KITADA, HIDEO - 1968  
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IN THE DIGESTIVE TRACT OF AQUATIC ANIMALS-III  
FORMATION OF ORGANIC ACIDS  
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34(12)1141-1146, 1 FIG, 2 TABLES
- 801858 FITCH, JOHN E; LAVENBERG, ROBERT J - 1968  
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- 801860 RONCHETTI, GIOVANNI - 1968  
L'AZIONE ANTIANOFELICA DEI PESCI DEL GENERE  
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- CONTRO LA MALARIA  
NATURA (MILANO)  
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- 801861 TORCHIO, M - 1968  
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BATRACHOIDES DIDACTYLUS (BL SCHN) (OSTEICHTHYES  
BATRACHOIDIFORMES)  
NATURA (MILANO)  
59(2)131-133, 2 FIGS
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UNE TECHNIQUE SIMPLE DE PONCTION CARDIAQUE CHEZ  
LA TRUITE  
ANN BIOL ANIM BIOCHIM BIOPHYS  
8(3)441-444, 2 FIGS
- 801863 ARVY, LUCIE - 1968  
LA THYROIDE ET LE METABOLISME CALCIQUE  
J PHYSIOL (PARIS)  
60(5)405-448, 18 FIGS, 6 TABLES
- 801864 POLL, M; DAGET, J - 1968  
DESCRIPTION D'HEMISTICHODUS LOOTENSI (PISCES  
CITHARINIDAE)  
MUS NAT HIST NATUR (PARIS) BULL SER 2  
39(6)1060-1065, 3 FIGS
- 801865 KAMEI-TAKEUCHI, IKUO; EGUCHI, GORO; HAMA, TADAO  
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GRANULES OF THE LARVAL XANTHOPHORE AND  
LEUCOPHORE IN ORYZIAS LATIPES (TELEOSTEAN FISH)  
PROC JAPAN ACAD  
44(9)SUPPL TO 44(8)959-963, 5 FIGS
- 801866 KUMARI, P S LALITHA - 1968  
ON A NEW SPECIES, MYXOBOLUS SESHADRII  
(PROTOZOA: MYXOSPORIDIA) FROM AN INDIAN FRESH  
WATER FISH, LABEO FIMBRIATUS  
RIV PARASSITOL  
29(3)161-164, 4 FIGS, 2 TABLES
- 801867 LAMOTHE-ARGUMEDO, RAFAEL - 1968  
MONOGENEOS DE PECES VI. CABALLEROCOTYLA  
MARIELENAE SP NOV (MONOGENA: CAPSALINAE),  
PARASITO DE LAS BRANQUIAS DE ISTIOPHORUS GREYI  
JORDAN AND HILL, DE PUERTO ANGEL, OAXACA,  
MEXICO  
RIV PARASSITOL  
29(3)171-184, 4 FIGS, 1 TABLE
- 801868 KARYAKARTE, P P - 1968  
ACANTHOSTOMUM (GYMNATREMA) PAMBANENSE SP N  
(TREMATODA: ACANTHOSTOMATIDAE) FROM THE FISH,  
THERAPON PUTA (CUV AND VAL) IN INDIA  
RIV PARASSITOL  
29(3)185-189, 3 FIGS
- 801869 COLLIN, JEAN-PIERRE; MEINIEL, ANNIE - 1968  
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DES VERTEBRES, ETUDE PARTICULIERE EN MICROSCOPE  
ELECTRONIQUE DES CONNEXIONS DE L'INNERVATION  
EFFERENTE CHEZ L'AMMOCETE DE LAMPROIE DE PLANER  
ARCH ANAT MICROSC MORPHOL EXP  
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- 801871 STODDARD, JUDITH H - 1968  
FAT CONTENTS OF CANADIAN ATLANTIC HERRING  
FISH RES BOARD CAN TECH REP  
(79)1-58, 18 FIGS, 11 TABLES
- 801872 RASHID, MD HARUNOR; QURESHI, M RAHIMULLA - 1968  
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CARP FRY AND FINGERLING IN EAST PAKISTAN  
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15(11):303-307

801874 HARRELL, JERRY - 1968  
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29(5):6-7, 2 FIGS

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DNA IN SPAWNING GORBUSHIA  
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2(6):530-537, 4 FIGS, 2 TABLES  
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801875 CHAPMAN, RAY - 1968  
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OUTDOOR CALIF  
29(5):8-9.

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FISH RES BOARD CAN NEWFOUNDLAND BIOL STA CIRC  
(15):1-44, 13 FIGS, 13 TABLES

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POPULATION OF THE BROOK STICKLEBACK CULAE  
INCONSTANS AND THE NINESPINE STICKLEBACK  
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PROC INDIANA ACAD SCI  
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801889 GURNEE, RUSSELL H; NICHOLAS, BROTHOR G;  
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(PISCES, CYPRINIDAE)  
VESTN CSEK SPOLECNOSTI ZOO  
32(4):305-311, 10 FIGS

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AND FISHERY MANAGEMENT  
FAO (FOOD AGR ORGAN U N) FISH TECH PAP  
(70):1-13, 3 FIGS, 1 TABLE

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MASTACEMBELUS ARMATUS (LACEP)  
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32(4):312-318, 20 FIGS

801880 TALBOT, F H; PENRITH, M J - 1968  
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DISTRIBUTION AND MIGRATIONS  
S AFR MUS ANN  
52(1):1-42, 8 FIGS, 1 TABLE

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BRAMA (LINNAEUS) (TELEOSTEI, CYPRINIDAE) FROM  
POLISH WATER WITH THE BREAM FROM OTHER EUROPEAN  
COUNTRIES  
VESTN CSEK SPOLECNOSTI ZOO  
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CONDITION OF ALEWIVES, ALOSA PSEUDOHARENGUS, IN  
A MASSIVE DIEOFF IN LAKE  
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GREAT LAKES FISH COMM TECH REP  
(13):1-20, 2 FIGS, 10 TABLES

801894 GRUCHY, C G - 1968  
TWO LATE QUATERNARY SALMONIDAE (PISCES) FROM  
THE OTTAWA REGION, CANADA  
VEST CSEK SPOLECNOSTI ZOO  
32(4):337-341, 2 FIGS

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DAS 'ORGATOX' - NETZIMPRAGNIERUNGSVERFAHREN  
GEGEN BEWUCHS UND ZERSTÖRUNG DURCH  
WASSERORGANISMEN (DDR-WP 56670 UND 61384)  
DEUT FISCH ZTG  
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CONTRIBUTION TO THE MATURITY AND FECUNDITY OF  
TILAPIA GALILAEA (LINNAEUS) IN THE VOLTA LAKE  
VEST CSEK SPOLECNOSTI ZOO  
32(4):342-349, 7 FIGS, 2 TABLES

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SCHLACHTAUSBEUTE BEI KARPFFEN UND  
REGENBOGENFORELLEN  
DEUT FISCH ZTG  
15(11):291-296, 3 FIGS, 1 TABLE

801896 LOHNISKY, KAREL - 1968  
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TAXONOMY AND THEIR VARIABILITY DURING GROWTH  
AND DEVELOPMENT IN THE BROOK LAMPREY, LAMPETRA  
PLANERI (BLOCH, 1784)  
VESTN CSEK SPOLECNOSTI ZOO  
32(4):350-364, 4 FIGS, 6 TABLES

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KIEMENFAULE BEI REGENBOGENFORELLEN  
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15(11):296-300, 3 FIGS

801897 LUSK, STANISLAV - 1968  
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CHONDROSTOMA NASUS (LINNAEUS, 1758) IN THE  
WATERS OF CZECHOSLOVAKIA  
VESTN CSEK SPOLECNOSTI ZOO  
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802003	HERZBERG, ABRAHAM; PASTEUR, RACHEL - 1968 SEASONAL CHANGES IN FAT CONTENT OF SARDINELLA AURITA, EUTHYNNUS ALLETERATUS AND SCOMBER JAPONICUS IN THE EASTERN MEDITERRANEAN RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)257-259	802014 MOROVIC, DINKO - 1968 SUR QUELQUES CARACTERISTIQUES BIOMETRIQUES DU THON ROUGE ADRIATIQUE (THUNNUS THYNNUS L) RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)291-293, 2 TABLES	
802004	ILIESCU, MARIUS - 1968 OBSERVATIONS SUR LA PECHE ET LE COMPORTEMENT DE L'ANCHOIS SUR LE LITTORAL ROUMAIN DE LA MER NOIRE DANS LA PERIODE 1960-1965 RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)261-263, 1 FIG	802015 NALBANT, TEODOR T - 1968 ELEMENTS ANCIENS DE LA FAUNE ICTHYOLOGIQUE DE LA MER NOIRE ET DE LA MER CASPIENNE ET LEUR ORIGINE RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)295-296	
802005	ILIESCU, MARIUS - 1968 OBSERVATIONS SUR LA PECHE DU TURBOT SUR LE LITTORAL ROUMAIN EN 1965 RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)265-267, 1 FIG	802016 PERES, GABRIEL; BUCLON, MAURICE - 1968 NOUVELLES DONNEES CONCERNANT L'ABSORPTION INTESTINAL DES ACIDES AMINES CHEZ LES POISSONS RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)297-299	
802006	IONESCU, NICOLAE - 1968 CONTRIBUTIONS A LA CONNAISSANCE DE LA MIGRATION ET DE LA PECHE DU MAQUEREAU SUR LE LITTORAL ROUMAIN DE LA MER NOIRE RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)269-271, 1 FIG	802017 PORA, E A; ABRAHAM, A; SILDAN-RUSU, N - 1968 L'ACTION DES HORMONES STEROIDES SUR CERTAINS PROCESSUS DU METABOLISME INTERMEDIAIRE IN VITRO CHEZ TRACHURUS TRACHURUS DE LA MER NOIRE RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)301	
802007	JUGE, C - 1968 ETUDE DE LA FORMULE VERTEBRALE DE QUELQUES ESPECES DE POISSONS DU GOLFE DU LION RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)273-274	802018 PORUMB, IOAN I - 1968 LE ROLE DES JEUNES POMATOMUS SALTATOR L DANS LA CHAINE TROPHIQUE DE LA MER NOIRE RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)303-305	
802008	KRAJNOVIC, MIRJANA - 1968 PRELIMINARY ELECTROPHORETIC ANALYSES OF THE HEMOGLOBIN IN CLUPEA PILCHARDUS WALB RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)275	802019 PORUMB, IOAN I; PORUMB, FLORICA I - 1968 LA REPARTITION DES DIFFERENTES ESPECES DE GOBIES (GOBIUS BATRACOCEPHALUS, GOBIUS CEPHALARGES, GOBIUS MELANOSTOMUS) LE LONG DU LITTORAL DE LA MER NOIRE RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)307	
802009	KRAJNOVIC, MIRJANA; DEKARIS, DRAGAN - 1968 HYDROGRAPHIC AND BIOTICAL CONTITIONS IN NORTH ADRIATIC. VII, RACIAL ANALYSIS OF THE SARDINE (CLUPEA PILCHARDUS WALB) BASED ON THE STUDIES OF ERYTHROCYTE ANTIGENS RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)277	802020 QUIGNARD, J P - 1968 LE CERVELET DES POISSONS RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)309	
802010	LEE, JEAN-YONGCHUL - 1968 NOTE COMPLEMENTAIRE SUE L'IMMUNOLOGIE DES THONS ROUGES (THUNNUS THYNNUS LINNE) DE L'ATLANTIQUE ET DE LA MEDITERRANEE RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT	802021 SCACCINI, ANDREA - 1968 ETUDE DES CARACTERES DIFFERENTIELS DES PREMIERS STADES DANS DIFFERENTES ESPECES DE THONIDES RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR SCI MER MEDIT 19(2)311-312	



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- 802023 TEODORESCU-LEONTE, RODICA; MUNTEANU, I - 1968  
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- 802025 WITTENBERGER, CAROL - 1968  
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RAPP PROCES-VERBAUX REUNIONS COMM INT EXPLOR  
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- 802026 ZAVODNIK, DUSAN - 1968  
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- 802027 OLIVER, GUY - 1968  
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I.-DIPLECTANINAE MONTICELLI, 1903  
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- 802029 KASHIWAGI, MASAOKI; SATO, RYUHEI - 1968  
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KETA (WALBAUM), REARED IN A SALT WATER POND AND  
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- 802030 PECZALSKA, A - 1968  
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- 802031 KLEKOWSKI, R Z; KAMLER, E - 1968  
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- 802032 MIKHAILOV, S V - 1968  
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(6)24-31, 10 FIGS  
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- 802033 NIKOLSKY, G V; VERIGIN, B V; MAKEYEVA, A N;  
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INCLUSION THEM INTO THE PRACTICE OF FISHERIES  
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- 802034 CORJUNOVA, S V - 1968  
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(5)683-690, 1 TABLE  
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- 802035 LUKJANENKO, V I; SUKACHEVA, G A; POPOV, A V  
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THROUGH APPLYING SERUMAL ANTIGENE WITH AN  
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(5)761-763, 1 TABLE  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802036 DMITRENKO, E M - 1968  
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(6)65-83, 7 FIGS  
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- 802037 KUL' MINSKAYA, A S; BEZRUCHKO, S M; GAZARJAN, K  
G - 1968  
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- 802038 VANIAKINA, E D - 1968  
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181(4/5/6)1506-1509, 2 FIGS, 3 TABLES  
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- 802039 BARSUKOV, V V - 1968  
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- 802040 KOSTOMAROVA, A A; IGNATIEVA, G M - 1968  
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183(1/2/3)697-699, 3 FIGS  
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- 802042 ABRAMOVA, N B - 1968  
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- 802043 MURAVLEVA, R E - 1968  
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(3)67-75, 2 FIGS, 2 TABLES  
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802048	NEVIADOMSKAIA, P S; GLADKII, G V; ORLOVSKII, A F - 1968 A CHARACTERIZATION OF THE POPULATION OF YOUNG FISH IN THE LITTORAL ZONE OF LAKE MAROCH VESTSI AKAD NAVUK BELARUS SSR SER BIYALAGICHNYKH NAVUK (5)131-133, 2 FIGS, 1 TABLE IN RUSSIAN	802060 NAFPAKTITIS, BASIL G - 1968 TAXONOMY AND DISTRIBUTION OF THE LANTERNFISHES, GENERA <i>LOBIANCHIA</i> AND <i>DIAPHUS</i> , IN THE NORTH ATLANTIC DANA REP CARLSBERG FOUND (73)136P, 71 FIGS, 24 TABLES	
802049	RASHEED, SURAIYA - 1968 THE NEMATODES OF THE GENUS <i>CUCULLANUS</i> MUELLER, 1777, FROM THE MARINE FISH OF KARACHI COAST AN ESC NAC CIENC BIOL MEX 15(1/4)23-59, 53 FIGS, 6 TABLES	802061 MATTHEIJ, J A M - 1968 THE ACTH CELLS IN THE ADENOHYPOPHYSIS OF THE MEXICAN CAVE FISH <i>ANOPTICHTHYS JORDANI</i> , AS IDENTIFIED BY METOPIRONE (SU 4885) TREATMENT Z ZELLFORSCH 92(4)588-595, 2 FIGS, 1 TABLE	
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802051	FOWLER, HENRY W - 1968 A CATALOG OF WORLD FISHES (VIII) QUART J TAIWAN MUS TAIPEH 21(1/2)53-78	802063 NOBLE, RICHARD LEE - 1968 MORTALITY RATES OF PELAGIC FRY OF THE YELLOW PERCH, <i>PERCA FLAVESCENS</i> (MITCHILL), IN ONEIDA LAKE, NEW YORK, AND AN ANALYSIS OF THE SAMPLING PROBLEM DISS ABSTR 29(6)1892-B	
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	802079	WOYNAROVICH, ELEK - 1968 NEW SYSTEMS AND NEW FISHES FOR CULTURE IN EUROPE FAO (FOOD AGR ORGAN U N) FISH REP 44(5)162-181, 2 TABLES		802092	GOPALAKRISHNAN, V - 1968 DISEASES AND PARASITES OF FISHES IN WARM-WATER PONDS IN ASIA AND THE FAR EAST FAO (FOOD AGR ORGAN U N) FISH REP 44(5)319-343
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	802082	LAVROVSKY, V V - 1968 RAISING OF RAINBOW TROUT (SALMO GAIARDNERI) TOGETHER WITH CARP (CYPRINUS CARPIO) AND OTHER FISHES FAO (FOOD AGR ORGAN U N) FISH REP 44(5)213-217		802095	RYCHLICKI, ZBIGNIEW - 1968 ERADICATION OF ICHTHYOPHTHIRIUS MULTIFILIIS IN CARP FAO (FOOD AGR ORGAN U N) FISH REP 44(5)361-364
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802203	MAY, EDWIN B; ECHELLE, ANTHONY A - 1968 <b>YOUNG-OF-YEAR ALLIGATOR GAR IN LAKE TEXOMA, OKLAHOMA</b> COPEIA (3)629-630, 1 FIG	802217 GORDON, MALCOLM S; BOETIUS, JAN; EVANS, DAVID H; OGLESBY, LARRY C - 1968 <b>ADDITIONAL OBSERVATIONS ON THE NATURAL HISTORY OF THE MUDSKIPPER, PERIOPHTHALMUS SOBRINUS</b> COPEIA (4)853-857, 4 TABLES	
802204	BIGELOW, HENRY B; SCHROEDER, WILLIAM C - 1968 <b>NEW RECORDS OF TWO GEOGRAPHICALLY RESTRICTED SPECIES OF WESTERN ATLANTIC SKATES, BREVIRAJA YUCATANENSIS AND DACTYLOBATUS ARMATUS</b> COPEIA (3)630-631	802218 SLASTENENKO, E P - 1968 <b>THE IDENTIFICATION OF BLENNIUS TENTACULARIS VAR RHODENSIS KAHNSBAUER FROM RHODES ISLAND, MEDITERRANEAN SEA</b> COPEIA (4)858-859	
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802206	CARLTON, WILLIAM G; JACKSON, WILLIAM B - 1968 <b>THE EYE LENS AS AN AGE INDICATOR IN CARP</b> COPEIA (3)633-636, 2 FIGS	802220 HOBSON, EDMUND S; WALTERS, VLADIMIR - 1968 <b>FIRST EASTERN PACIFIC RECORD OF CANTHIGASTER AMBOINENSIS, AN INDO-WEST PACIFIC PUFFERFISH</b> COPEIA (4)861-862	
802207	MILLER, RUDOLPH J - 1968 <b>SPECIATION IN THE COMMON SHINER, AN ALTERNATE VIEW</b> COPEIA (3)640-647	802221 AMIN, OMAR MOHAMED - 1968 <b>DEFORMED INDIVIDUALS OF TWO SPECIES OF SUCKERS, CATOSTOMUS INSIGNIS AND C CLARKII, FROM THE GILA RIVER SYSTEM</b> COPEIA (4)862-863	
802208	DICK, MYVANWY M; SCHROEDER, WILLIAM C - 1968 <b>HENRY BRYANT BIGELOW 1879-1967</b> COPEIA (3)657-659	802222 DOOLEY, JAMES K - 1968 <b>YOUNG FILEFISHES, CANTHERHINES MACROCERUS AND C. PULLUS</b> COPEIA (4)863-867, 5 FIGS	
802209	HUBBS, CARL L - 1968 <b>JAMES LEONARD BRIERLEY SMITH 1897-1968</b> COPEIA (3)659-660, 1 FIG	802223 FOLLETT, W I - 1968 <b>RADIOGRAPHY OF FREEZE-DRIED FISHES</b> COPEIA (4)867-869, 1 FIG	
802210	ATZ, JAMES W - 1968 <b>JOHN TEE-VAN JULY 6, 1897 - NOVEMBER 5, 1967</b> COPEIA (3)660-661	802224 EVANS, ROBERT R - 1968 <b>ABSENCE OF MYOGLOBIN IN THE SONIC MUSCLES OF TWO SPECIES OF SEAROBINS, PRIONOTUS (TRIGLIDAE)</b> COPEIA (4)869-870	
802211	SNELSON, FRANKLIN F JR - 1968 <b>SYSTEMATICS OF THE CYPRINID FISH NOTROPIS AMOENUS, WITH COMMENTS ON THE SUBGENUS NOTROPIS</b> COPEIA (4)776-802, 3 FIGS, 10 TABLES	802225 BRANSON, BRANLEY A - 1968 <b>NOTROPIS VENUSTUS, ANOTHER INTRODUCED SPECIES IN THE OVERBURDENED NEVADA FISH FAUNA</b> COPEIA (4)870-871	
802212	SALE, PETER F - 1968 <b>INFLUENCE OF COVER AVAILABILITY ON DEPTH PREFERENCE OF THE JUVENILE MANINI, ACANTHURUS TRIOSTEGUS SANDVICENSIS</b> COPEIA (4)802-807, 4 FIGS	802226 BANNER, ARNOLD - 1968 <b>ATTRACTION OF YOUNG LEMON SHARKS, NEGAPRION</b>	
802213	SMITH, G R; STOKES, W L; HORN, K F - 1968 <b>SOME LATE PLEISTOCENE FISHES OF LAKE BONNEVILLE</b> COPEIA		

- 802227 - 802251
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- 802227 MELDRIM, JOHN W; WADLEY, GERALD W - 1968  
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UNIVERSITY OF WASHINGTON  
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(4)872-873
- 802228 HAEDRICH, RICHARD L - 1968  
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MOZAMBIQUE  
COPEIA  
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- 802229 SPRAGUE, JOHN B - 1968  
AVOIDANCE REACTIONS OF RAINBOW TROUT TO ZINC  
SULPHATE SOLUTIONS  
WATER RES  
2:367-372, 2 FIGS
- 802230 KULKIN, S G - 1968  
AFFERENT BLADDER INNERVATION IN CERTAIN  
TELEOSTEI  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
178(4/5/6)960-963, 4 FIGS
- 802231 WITTENBERGER, CAROL - 1968  
BIOLOGIE DU CHINCHARD DE LA MER NOIRE  
(TRACHURUS MEDITERRANEUS PONTICUS). XV.  
RECHERCHES SUR LE METABOLISME D'EFFORT CHEZ  
TRACHURUS ET GOBIUS  
MAR BIOL (BERLIN)  
2(1)1-4, 3 FIGS, 1 TABLE
- 802232 SCHLIEPER, C - 1968  
HIGH PRESSURE EFFECTS ON MARINE INVERTEBRATES  
AND FISHES  
MAR BIOL (BERLIN)  
2(1)5-12, 11 FIGS
- 802233 ROSENTHAL, H - 1968  
BEOBACHTUNGEN UBER DIE ENTWICKLUNG DES  
SCHWARMVERHALTENS BEI DEN LARVEN DES HERINGS  
CLUPEA HARENGUS  
MAR BIOL (BERLIN)  
2(1)73-76, 5 FIGS
- 802234 KANAYAMA, YUKITAKA - 1968  
STUDIES OF THE CONDITIONED REFLEX IN LOWER  
VERTEBRATES. X, DEFENSIVE CONDITIONED REFLEX OF  
CHUM SALMON FRY IN GROUP  
MAR BIOL (BERLIN)  
2(1)77-87, 8 FIGS, 5 TABLES
- 802235 TAYLOR, W; HOUSTON, A H; HORGAN, J D - 1968  
DEVELOPMENT OF A COMPUTER MODEL SIMULATING SOME  
ASPECTS OF THE CARDIOVASCULAR-RESPIRATORY  
DYNAMICS OF THE SALMONID FISH  
J EXP BIOL  
49(3)477-493, 6 FIGS
- 802236 HUGHES, G M; UMEZAWA, SHUN-ICHI - 1968  
OXYGEN CONSUMPTION AND GILL WATER FLOW IN THE  
DOGFISH SCYLIORHINUS CANICULA L  
J EXP BIOL  
49(3)557-564, 6 FIGS
- 802237 HUGHES, G M; UMEZAWA, SHUN-ICHI - 1968  
ON RESPIRATION IN THE DRAGONET CALLIONYMUS LYRA  
L  
J EXP BIOL  
49(3)565-582, 14 FIGS, 1 TABLE
- 802238 HUGHES, G M; BALLINTJN, C M - 1968  
ELECTROMYOGRAPHY OF THE RESPIRATORY MUSCLES AND  
GILL WATER FLOW IN THE DRAGONET  
J EXP BIOL  
49(3)583-602, 14 FIGS
- 802239 HUGHES, G M; KNIGHTS, B - 1968  
THE EFFECT OF LOADING THE RESPIRATORY PUMPS ON  
THE OXYGEN CONSUMPTION OF CALLIONYMUS LYRA  
J EXP BIOL  
49(3)603-615, 9 FIGS, 2 TABLES
- 802240 CRONLY-DILLON, JOHN; SHARMA, SANSAR C - 1968  
EFFECT OF SEASON AND SEX ON THE PHOTOPIC  
SPECTRAL SENSITIVITY OF THE THREE-SPINED  
STICKLEBACK  
J EXP BIOL  
49(3)679-687, 2 FIGS, 5 TABLES
- 802241 SMIT, H - 1968  
GASTRIC SECRETION IN THE LOWER VERTEBRATES AND  
BIRDS  
HANDB PHYSIOL  
5(6)2791-2805, 4 FIGS, 1 TABLE
- 802242 BANARESCU, PETRU - 1968  
REVISIONS OF THE INDO-BURMANESE GENUS  
SALMOSTOMA SWAINSON (PISCES, CYPRINIDAE) WITH  
DESCRIPTION OF A NEW SUBSPECIES  
REV ROUM BIOL SER ZOOL  
13(1)3-14, 15 FIGS, 1 TABLE
- 802243 POPESCU-MARINESCU, VIRGINIA - 1968  
RECHERCHES COMPARATIVES SUR L'ENCEPHALE DES  
GOBIIDAE (PISCES)  
REV ROUM BIOL SER ZOOL  
13(1)15-29, 11 FIGS, 1 TABLE
- 802244 WHITWORTH, WALTER R; BERRIEN, PETER L;  
KELLER, WALTER T - 1968  
FRESHWATER FISHES OF CONNECTICUT  
BULL STATE GEOL NATUR HIST SURV CONN  
(101)134P, 48 FIGS, 5 TABLES
- 802245 SVETOVIDOV, A N - 1968  
PECULIARITIES IN THE MICROSCOPIC STRUCTURE OF  
THE CEREBELLUM IN ELEGINUS NAVAGA (PALLAS) AND  
CADUS MORHUA MARISAILBI DERJUGIN IN RESPECT TO  
THEIR MODE OF LIFE  
ZOOL ZH  
47(12)1823-1828, 2 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802246 KUTTY, M KRISHNAN; QASIM, S Z - 1968  
THE ESTIMATION OF OPTIMUM AGE OF EXPLOITATION  
AND POTENTIAL YIELD IN FISH POPULATIONS  
J CONS CONS PERMA INT EXPLOR MER  
32(2)249-255
- 802247 GULLAND, J A - 1968  
THE CONCEPT OF THE MARGINAL YIELD FROM  
EXPLOITED FISH STOCKS  
J CONS CONS PERMA INT EXPLOR MER  
32(2)256-261, 2 FIGS, 1 TABLE
- 802248 CUSHING, D H - 1968  
THE DOWNS STOCK OF HERRING DURING THE PERIOD  
1955-1966  
J CONS CONS PERMA INT EXPLOR MER  
32(2)262-269, 2 FIGS, 3 TABLES
- 802249 SMITH, S WIEDMANN - 1968  
OTOLITH AGE READING BY MEANS OF SURFACE  
STRUCTURE EXAMINATION  
J CONS CONS PERMA INT EXPLOR MER  
32(2)270-277, 3 FIGS, 1 TABLE
- 802250 ALBRECHTSEN, K - 1968  
A DYEING TECHNIQUE FOR OTOLITH AGE READING  
J CONS CONS PERMA INT EXPLOR MER  
32(2)278-279, 2 FIGS
- 802251 GRIFFITHS, P G - 1968  
AN ELECTRONIC FISH SCALE PROPORTIONING SYSTEM  
J CONS CONS PERMA INT EXPLOR MER  
32(2)280-282, 2 FIGS



- 802252 HAGSTROM, BERNDT E; LONNING, SUNNIVA - 1968  
ELECTRON MICROSCOPIC STUDIES OF UNFERTILIZED  
AND FERTILIZED EGGS FROM MARINE TELEOSTS  
SARSIA  
(33)73-80, 9 FIGS, 1 TABLE
- 802253 LE ROUX, PIETER - 1968  
ARTIFICIAL STOCKING OF DAMS IN TROUT MANAGEMENT  
FAUNA FLORA (TRANSVAAL)  
(19)25-33, 2 FIGS, 5 TABLES
- 802254 LE ROUX, PIETER - 1968  
ARTIFICIAL CULTURE OF THE VAAL RIVER YELLOWFISH  
(BARBUS HOLUBI)  
FAUNA FLORA (TRANSVAAL)  
(19)34-41, 4 FIGS
- 802255 KIRKA, ANTON - 1968  
ESTIMATION OF POPULATION DENSITY AND WEIGHT OF  
FISH IN CERTAIN TRIBUTARIES TO THE ORAVA AND  
VAH RIVERS  
ZOOLOGIST  
17(1)75-84, 6 TABLES
- 802256 HAVLENA, FRANTISEK - 1968  
DIE NAHRUNG DES UKELEIS ALBURNUS ALBURNUS L IN  
DER ORAVA-TALSPERRE  
ZOOLOGIST  
17(1)85-96, 4 FIGS, 3 TABLES
- 802257 JOHANSEN, KJELL; HOL, RAGNAR - 1968  
A RADIOLOGICAL STUDY OF THE CENTRAL CIRCULATION  
IN THE LUNGFISH, PROTOPTERUS AETHIOPICUS  
J MORPHOL  
126(3)333-348, 11 FIGS
- 802258 HOCHACHKA, P W; SOMERO, GEORGE N - 1968  
THE ADAPTATION OF ENZYMES TO TEMPERATURE  
COMP BIOCHEM PHYSIOL  
27(3)659-668, 4 FIGS, 1 TABLE
- 802259 SMITH-VANIZ, WILLIAM F - 1968  
FRESHWATER FISHES OF ALABAMA  
THE PARGON PRESS: MONTGOMERY, ALABAMA, 211P,  
ILLUS
- 802260 BURTON, R F - 1968  
CELL POTASSIUM AND THE SIGNIFICANCE OF  
OSMOLARITY IN VERTEBRATES  
COMP BIOCHEM PHYSIOL  
27(3)763-773, 2 FIGS, 1 TABLE
- 802261 SATCHELL, GEOFFREY H - 1968  
A NEUROLOGICAL BASIS FOR THE CO-ORDINATION OF  
SWIMMING WITH RESPIRATION IN FISH  
COMP BIOCHEM PHYSIOL  
27(3)835-841, 2 FIGS
- 802262 FROMM, PAUL O - 1968  
SOME QUANTITATIVE ASPECTS OF ION REGULATION IN  
TELEOSTS  
COMP BIOCHEM PHYSIOL  
27(3)865-869, 2 TABLES
- 802263 ANDERSEN, ROLF A; ENGER, PER S - 1968  
MICROPHONIC POTENTIALS FROM THE SACculus OF A  
TELEOST FISH  
COMP BIOCHEM PHYSIOL  
27(3)879-881, 1 FIG
- 802264 OREN, O H - 1968  
ARTIFICIAL REEFS, A SHORT REVIEW AND APPEAL  
FAO (FOOD AGR ORGAN U N) FISH CIRC  
(305)6P
- 802265 BANARESCU, PETRU - 1968  
DATE BIOMETRICE ASUPRA LUI PELECUS CULTRATUS  
(PISCES -CYPRINIDAE) DIN DUNAREA INFERIOARA  
STUD CERCET BIOL SER ZOOL  
20(2)137-141, 4 TABLES  
WITH ENGLISH SUMMARY
- 802266 POPESCU-MARINESCU, VIRGINIA - 1968  
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PROTERORHINUS MARMORATUS SI BENTHOPHILUS  
STELLATUS (PISCES-Gobiidae)  
STUD CERCET BIOL SER ZOOL  
20(2)143-151, 6 FIGS, 1 TABLE  
WITH ENGLISH SUMMARY
- 802267 INGLE, DAVID - 1968  
INTEROCULAR INTEGRATION OF VISUAL LEARNING BY  
GOLDFISH  
BRAIN BEHAV EVOL  
1(1)58-85, 3 FIGS, 8 TABLES
- 802268 ALLEN, A K; ROSENBERG, H - 1968  
THE BIOSYNTHESIS OF L-THREONINE ETHANOLAMINE  
PHOSPHATE IN FISH  
COMP BIOCHEM PHYSIOL  
27(3)695-702, 2 FIGS, 2 TABLES
- 802269 RISS, WALTER - 1968  
COMMENT ON THE ARTICLE OF D J INGLE TITLED  
'INTEROCULAR INTERGRATION OF VISUAL LEARNING BY  
GOLDFISH'  
BRAIN BEHAV EVOL  
1(1)86-87
- 802270 CHAPMAN, WILBERT MACLEOD - 1968  
THE US FISHING INDUSTRY-PUTTING THE RECORD  
STRAIGHT  
HYDROSPACE  
1(5)31-33
- 802271 ARAGA, CHUICHI; TANASE, HIDETOMO - 1968  
FURTHER RECORD OF WINTER FISH STRANDING IN THE  
VICINITY OF SETO  
PUBL SETO MAR BIOL LAB  
16(3)207-218, 1 FIG, 3 TABLES
- 802272 WAAGE, KARL M - 1968  
THE TYPE FOX HILLS FORMATION, CRETACEOUS  
(MAESTRICHTIAN), SOUTH DAKOTA, PART I,  
STRATIGRAPHY AND PALEOENVIRONMENTS  
YALE UNIV PEABODY MUS NATUR HIST BULL  
(27)171P, 26 FIGS
- 802273 HARRINGTON, ROBERT W JR - 1968  
DELIMITATION OF THE THERMOLABILE PHENOCRITICAL  
PERIOD OF SEX DETERMINATION AND DIFFERENTIATION  
IN THE ONTOGENY OF THE NORMALLY HERMAPHRODITIC  
FISH RIVULUS MARMORATUS POEY  
PHYSIOL ZOOL  
41(4)447-460, 2 FIGS, 2 TABLES
- 802274 NORTON, JOANNE - 1968  
PIEBALD HI-FIN SWORDTAIL  
TROPICAL FISH HOBBYIST  
16(5)4-5 + 7-9 + 12-13, 11 FIGS
- 802275 ZUKAL, RUDOLF - 1968  
APHYOSEMIUM CALLIURUM CALLIURUM  
TROPICAL FISH HOBBYIST  
16(5)16-17 + 19 + 21, 4 FIGS
- 802276 KLAUSEWITZ, WOLFGANG - 1968  
SOME OBSERVATIONS ON EAST AFRICAN MUDSKIPPERS  
TROPICAL FISH HOBBYIST  
16(5)52-53 + 57 + 61 + 64-65, 6 FIGS
- 802277 REED, MIKE - 1968  
YOUR FISHES' HEALTH, BENT SPINE  
TROPICAL FISH HOBBYIST  
16(5)85 + 87, 2 FIGS
- 802278 HICKLING, C F - 1968  
THE FARMING OF FISH  
PERGAMON PRESS: LONDON, ENGLAND, 88P, ILLUS
- 802279 FENDERSON, OWEN C; EVERHART, HARRY;  
MUTH, KENNETH M - 1968  
COMPARATIVE AGONISTIC AND FEEDING BEHAVIOR OF

HATCHERY-REARED AND WILD SALMON IN AQUARIA  
FISH RES BOARD CAN J  
25(1)1-14, 1 FIG, 2 TABLES

FISH RES BOARD CAN J  
25(1)177-179, 2 FIGS

802280 CAILLOUET, CHARLES W JR - 1968  
LACTIC ACIDOSIS IN CHANNEL CATFISH  
FISH RES BOARD CAN J  
25(1)15-23, 4 TABLES

802292 PEDEN, ALEX E - 1968  
TWO NEW SPECIMENS OF THE NOTACANTHID FISH  
MACDONALDIA CHALLENGERI IN THE EASTERN NORTH  
PACIFIC OCEAN  
FISH RES BOARD CAN J  
25(1)181-188, 4 FIGS, 1 TABLE

802281 HUNN, JOSEPH B; SCHOETTGER, RICHARD A;  
WILLFORD, WAYNE A - 1968  
TURNOVER AND URINARY EXCRETION OF FREE AND  
ACETYLATED M S 222 BY RAINBOW TROUT, SALMO  
GAIRDNERI  
FISH RES BOARD CAN J  
25(1)25-31, 1 FIG, 4 TABLES

802293 DUFFY, JOHN M; O'CONNELL, D - 1968  
DDT RESIDUES AND METABOLITES IN CANADIAN  
ATLANTIC COAST FISH  
FISH RES BOARD CAN J  
25(1)189-195, 3 TABLES

802282 HARTMAN, G F; GILL, CHARLES A - 1968  
DISTRIBUTIONS OF JUVENILE STEELHEAD AND  
CUTTHROAT TROUT (SALMO GAIARDNERI AND S. CLARKI  
CLARKI) WITHIN STREAMS IN SOUTHWESTERN BRITISH  
COLUMBIA  
FISH RES BOARD CAN J  
25(1)33-48, 9 FIGS, 1 TABLE

802294 ALMEIDA, L J; DA SILVA, E J; FREITAS, YVONNE M  
1968  
MICROORGANISMS FROM SOME TROPICAL FISH DISEASES  
FISH RES BOARD CAN J  
25(1)197-201, 1 TABLE

802283 DAHLBERG, MICHAEL L; SHUMWAY, DEAN L;  
DOUDOROFF, PETER - 1968  
INFLUENCE OF DISSOLVED OXYGEN AND CARBON  
DIOXIDE ON SWIMMING PERFORMANCE OF LARGEMOUTH  
BASS AND COHO SALMON  
FISH RES BOARD CAN J  
25(1)43-70, 6 FIGS, 2 TABLES

802295 PHINNEY, DUANE E; DAHLBERG, MICHAEL L - 1968  
WESTERN RANGE EXTENSION OF THE SURF SMELT,  
HYPOMESUS PRETIOSUS PRETIOSUS  
FISH RES BOARD CAN J  
25(1)203-204, 1 FIG

802284 DONALDSON, EDWARD M; FAGERLUND, ULF H;  
SCHMIDT, PETER J - 1968  
FLUORIMETRIC METHOD FOR THE DETERMINATION OF  
CORTISOL IN SMALL QUANTITIES OF SALMONID PLASMA  
FISH RES BOARD CAN J  
25(1)71-79, 4 FIGS

802296 TAYLOR, F H C - 1968  
THE RELATIONSHIP OF MIDWATER TRAWL CATCHES TO  
SOUND SCATTERING LAYERS OFF THE COAST OF  
NORTHERN BRITISH COLUMBIA  
FISH RES BOARD CAN J  
25(3)457-472, 3 FIGS, 2 TABLES

802285 HALSEY, T G - 1968  
AUTUMNAL AND OVER-WINTER LIMNOLOGY OF THREE  
SMALL EUTROPHIC LAKES WITH PARTICULAR REFERENCE  
TO EXPERIMENTAL CIRCULATION AND TROUT MORTALITY  
FISH RES BOARD CAN J  
25(1)81-99, 11 FIGS, 2 TABLES

802297 GRONLUND, WILLIAM D; HODGINS, HAROLD O;  
SIMON, RAYMOND C; WEBER, DOUGLAS D - 1968  
BLOOD LACTATE CONCENTRATIONS AND MORTALITY IN  
SOCKEYE AND CHINOOK SALMON (ONCORHYNCHUS NEKA  
AND O. Tshawytscha) AFTER EXERCISE  
FISH RES BOARD CAN J  
25(3)473-484, 5 FIGS, 4 TABLES

802286 NELSON, JOSEPH S - 1968  
HYBRIDIZATION AND ISOLATING MECHANISMS BETWEEN  
CATOSTOMUS COMMERSONII AND C. MACROCHEILUS  
'PISCES, CATOSTOMIDAE  
FISH RES BOARD CAN J  
25(1)101-150, 23 FIGS, 8 TABLES

802298 KERNS, ORRA E JR; DONALDSON, JOHN R - 1968  
BEHAVIOR AND DISTRIBUTION OF SPAWNING SOCKEYE  
SALMON ON ISLAND BEACHES IN ILIAMNA LAKE,  
ALASKA  
FISH RES BOARD CAN J  
25(3)485-494, 4 FIGS, 1 TABLE

802287 ANONYMOUS - 1968  
REPORT OF THE MEETING OF A GROUP OF EXPERTS ON  
TUNA STOCK ASSESSMENT UNDER THE FAO EXPERT  
PANEL FOR THE FACILITATION OF TUNA RESEARCH),  
MIAMI, USA, 12-16 AUGUST 1968  
FAO (FOOD AGR ORGAN U N) FISH REP  
61:48P, 21 FIGS, 6 TABLES

802299 ALDERDICE, D F; FORRESTER, C R - 1968  
SOME EFFECTS OF SALINITY AND TEMPERATURE ON  
EARLY DEVELOPMENT AND SURVIVAL OF THE ENGLISH  
SOLE (PAROPHYS VETULUS)  
FISH RES BOARD CAN J  
25(3)495-521, 9 FIGS, 5 TABLES

802288 SMITH, CHARLES E - 1968  
HEMATOLOGICAL CHANGES IN COHO SALMON FED A  
FOLIC ACID DEFICIENT DIET  
FISH RES BOARD CAN J  
25(1)151-156, 8 FIGS, 2 TABLES

802300 PALOHEIMO, J E; KOHLER, A C - 1968  
ANALYSIS OF THE SOUTHERN GULF OF ST LAWRENCE  
COD POPULATION  
FISH RES BOARD CAN J  
25(3)555-578, 13 FIGS, 9 TABLES

802289 DUGAL, L C - 1968  
PESTICIDE RESIDUE IN FRESHWATER FISH OILS AND  
MEALS  
FISH RES BOARD CAN J  
25(1)109-112, 3 TABLES

802301 WHITWORTH, WALTER R - 1968  
EFFECTS OF DIURNAL FLUCTUATIONS OF DISSOLVED  
OXYGEN ON THE GROWTH OF BROOK TROUT  
FISH RES BOARD CAN J  
25(3)579-584, 2 FIGS, 1 TABLE

802290 HOUSTON, A H; DEWILDE, MARY ANNE - 1968  
HEMATOLOGICAL CORRELATIONS IN THE RAINBOW  
TROUT, SALMO GAIARDNERI  
FISH RES BOARD CAN J  
25(1)173-176, 1 TABLE

802302 ALDERDICE, D F; VELSEN, F P J - 1968  
DESIGN OF A CONTROLLED-ENVIRONMENT INCUBATOR  
FOR SMALL MARINE FISH EGGS  
FISH RES BOARD CAN J  
25(3)585-588, 2 FIGS

802291 BECKETT, J S - 1968  
A HARPOON ADAPTER FOR TAGGING LARGE  
FREE-SWIMMING FISH AT THE SURFACE

802303 TAYLOR, F H C - 1968  
BEHAVIOUR OF HERRING SCHOOLS IN RESPONSE TO A  
MIDWATER TRAWL  
FISH RES BOARD CAN J  
25(3)589-590, 1 FIG, 2 TABLES

802304	EBERHARDT, L L; NAKATANI, R E - 1968 <b>A POSTULATED EFFECT OF GROWTH ON RETENTION TIME OF METABOLITES</b> FISH RES BOARD CAN J 25(3)591-596, 2 FIGS	KETA) SALMON FISH RES BOARD CAN J 25(5)1067-1069, 2 FIGS, 2 TABLES	802304 - 802328
802305	POWLES, P M; GARNETT, D G; RUGGIERI, G D; NIGRELLI, ROSS F - 1968 <b>ICHTHYOPHONUS INFECTION IN YELLOWTAIL FLOUNDER (LIMANDA FERRUGINEA) OFF NOVA SCOTIA</b> FISH RES BOARD CAN J 25(3)597-598, 1 FIG, 1 TABLE	802317 SCOTT, W B; TIBBO, S N - 1968 <b>AN OCCURRENCE OF THE PELAGIC STINGRAY DASYATIS VIOLACEA IN THE NORTHWEST ATLANTIC</b> FISH RES BOARD CAN J 25(5)1075-1076, 1 FIG, 1 TABLE	
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- 802334 DAVIS, GERALD E; WARREN, CHARLES E - 1968  
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- 802349 PADDOCK, DEAN - 1968  
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- 802380** KABATA, Z - 1968  
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- 802383** WOLF, KEN; QUIMBY, M C; CARLSON, C P;  
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- 802385** NELSON, JOSEPH S - 1968  
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- 802390** HOGAN, JAMES W; KNOWLES, CHARLES O - 1968  
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- 802392** SMITH, STANFORD H - 1968  
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- 802395** MACCALLUM, W A; JAFFRAY, JUNE I; CHURCHILL, D  
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ITS INFLUENCE ON QUALITY AFTER SINGLE AND  
DOUBLE FREEZING  
FISH RES BOARD CAN J  
25(4)733-755, 10 FIGS, 4 TABLES
- 802396** PARKER, ROBERT R - 1968  
MARINE MORTALITY SCHEDULES OF PINK SALMON OF  
THE BELLA COOLA RIVER, CENTRAL BRITISH COLUMBIA  
FISH RES BOARD CAN J  
25(4)757-794, 8 FIGS, 11 TABLES
- 802397** WALDRON, KENNETH D - 1968  
EARLY LARVAE OF THE CANARY ROCKFISH, SEBASTODES  
PINNIGER  
FISH RES BOARD CAN J  
25(4)801-803, 2 FIGS
- 802398** JOHNSON, CLIFFORD RAY - 1968  
FOOD OF THE BUFFALO SCULPIN, ENOPHRYS BISON  
FISH RES BOARD CAN J  
25(4)807-812, 3 TABLES
- 802399** GRUCHY, C G; VLADYKOV, V D - 1968  
SEXUAL DIMORPHISM IN ANAL FIN OF BROWN TROUT,  
SALMO TRUTTA, AND CLOSE RELATIVES  
FISH RES BOARD CAN J  
25(4)813-815, 3 FIGS, 1 TABLE
- 802400** FRASER, DORIS I; SIMPSON, SYLVIA G; DYER, W J  
1968  
VERY RAPID ACCUMULATION OF HYPOXANTHINE IN THE  
MUSCLE OF REDFISH STORED IN ICE  
FISH RES BOARD CAN J  
25(4)817-821, 2 FIGS



802401	CAULFIELD, W - 1968 METHOD FOR COUNTING COHO FRY IN SMALL STREAMS FISH RES BOARD CAN J 25(4)823	AND A PREPARATION OF SALMON PITUITARY 'PROLACTIN' FISH RES BOARD CAN J 25(7)1497-1500	802401 - 802425
802402	GRINOLS, RICHARD B; GILL, CHARLES D - 1968 FEEDING BEHAVIOR OF THREE OCEANIC FISHES (ONCORHYNCHUS KISUTCH, TRACHURUS SYMMETRICUS, AND ANOPILOPOMA FIMBRIA) FROM THE NORTHEASTERN PACIFIC FISH RES BOARD CAN J 25(4)825-827	802414	BOULVA, JEAN; SIMARD, ANDRE - 1968 PRESENCE DU SALVELINUS NAMAYCUSH (PISCES, SALMONIDAE) DANS LES EAUX MARINES DE L'ARCTIQUE OCCIDENTAL CANADIEN FISH RES BOARD CAN J 25(7)1501-1504, 1 FIG, 1 TABLE
802403	ASPINWALL, NEVIN; TSUYUKI, H - 1968 INHERITANCE OF MUSCLE PROTEINS IN HYBRIDS BETWEEN THE REDSIDE SHINER (RICHARDSONIUS BALTEATUS) AND THE PEAMOUTH CHUB (MYLOCHEILUS CAURINUM) FISH RES BOARD CAN J 25(7)1317-1322, 2 FIGS, 1 TABLE	802415	GLENN, C L; WARD, F J - 1968 'WET' WEIGHT AS A METHOD FOR MEASURING STOMACH CONTENTS OF WALLEYES, STIZOSTEDION VITREUM VITREUM FISH RES BOARD CAN J 25(7)1505-1507, 1 TABLE
802404	BOUCK, G R; BALL, R C - 1968 COMPARATIVE ELECTROPHORETIC PATTERNS OF LACTATE DEHYDROGENASE IN THREE SPECIES OF TROUT FISH RES BOARD CAN J 25(7)1323-1331, 3 FIGS	802416	ROYER, L M; ATTON, F M; CUERRIER, J-P - 1968 AGE AND GROWTH OF LAKE STURGEON IN THE SASKATCHEWAN RIVER DELTA FISH RES BOARD CAN J 25(7)1511-1516, 4 FIGS, 1 TABLE
802405	OPHEL, I L; JUDD, J M - 1968 MARKING FISH WITH STABLE STRONTIUM FISH RES BOARD CAN J 25(7)1333-1337, 1 FIG, 2 TABLES	802417	KNOWLES, CHARLES O; ARURKAR, SURESH K; HOGAN, JAMES W - 1968 ELECTROPHORETIC SEPARATION OF FISH BRAIN ESTERASES FISH RES BOARD CAN J 25(7)1517-1519, 2 FIGS
802406	RYDER, R A - 1968 DYNAMICS AND EXPLOITATION OF MATURE WALLEYES, STIZOSTEDION VITREUM VITREUM, IN THE NIPIGON BAY REGION OF LAKE SUPERIOR FISH RES BOARD CAN J 25(7)1347-1376, 9 FIGS, 13 TABLES	802418	MCDERMOTT, L A - 1968 AEROMONAS SP INFECTION IN GREAT LAKES LAMPREYS FISH RES BOARD CAN J 25(7)1521-1522
802407	DRYER, WILLIAM R; KING, GEORGE R - 1968 REHABILITATION OF LAKE TROUT IN THE APOSTLE ISLANDS REGION OF LAKE SUPERIOR FISH RES BOARD CAN J 25(7)1377-1403, 5 FIGS, 11 TABLES	802419	HARVEY, H H; HOAR, W S; BOTHERN, C R - 1968 SOUNDING RESPONSE OF THE KOKANEE AND SOCKEYE SALMON FISH RES BOARD CAN J 25(6)1115-1131, 8 FIGS
802408	FAGER, E W; LONGHURST, ALAN R - 1968 RECURRENT GROUP ANALYSIS OF SPECIES ASSEMBLAGES OF DEMERSAL FISH IN THE GULF OF GUINEA FISH RES BOARD CAN J 25(7)1405-1421, 3 FIGS, 3 TABLES	802420	KEAST, ALLEN; WELSH, LINDA - 1968 DAILY FEEDING PERIODICITIES, FOOD UPTAKE RATES, AND DIETARY CHANGES WITH HOUR OF DAY IN SOME LAKE FISHES FISH RES BOARD CAN J 25(6)1133-1144, 5 FIGS, 4 TABLES
802409	RICHARD, JOSEPH C - 1968 FISH ATTRACTION WITH PULSED LOW-FREQUENCY SOUND FISH RES BOARD CAN J 25(7)1441-1452, 8 FIGS	802421	SPANGLER, GEORGE R - 1968 ANGLER HARVEST AND MORTALITY OF ESOX MASQUINONGY IN PIGEON AND STURGEON LAKES, ONTARIO FISH RES BOARD CAN J 25(6)1145-1154, 3 FIGS, 3 TABLES
802410	EDMUNDSON, ELDON; EVEREST, F E; CHAPMAN, D W 1968 PERMANENCE OF STATION IN JUVENILE CHINOOK SALMON AND STEELHEAD TROUT FISH RES BOARD CAN J 25(7)1453-1464, 4 FIGS, 2 TABLES	802422	BUERKLE, UDO - 1968 RELATION OF PURE TONE THRESHOLDS TO BACKGROUND NOISE LEVEL IN THE ATLANTIC COD (GADUS MORHUA) FISH RES BOARD CAN J 25(6)1155-1160, 3 FIGS, 1 TABLE
802411	FAGERLUND, ULF H; MCBRIDE, J R; DONALDSON, EDWARD M - 1968 EFFECT OF METOPROLOL ON PITUITARY-INTERRENAL FUNCTION IN TWO TELEOSTS, SOCKEYE SALMON (ONCORHYNCHUS NERKA) AND RAINBOW TROUT (SALMO GAIRDNERI) FISH RES BOARD CAN J 25(7)1465-1474, 22 FIGS, 3 TABLES	802423	GRAHAM, JOSEPH J; VENNO, PAUL M W - 1968 SAMPLING LARVAL HERRING FROM TIDEWATERS WITH BUOYED AND ANCHORED NETS FISH RES BOARD CAN J 25(6)1169-1179, 7 FIGS, 1 TABLE
802412	GEE, J H - 1968 ADJUSTMENT OF BUOYANCY BY LONGNOSE DACE (RHINICHTHYS CATARACTAE) IN RELATION TO VELOCITY OF WATER FISH RES BOARD CAN J 25(7)1485-1496, 6 FIGS, 3 TABLES	802424	POWERS, CHARLES F; ROBERTSON, ANDREW - 1968 SUBDIVISIONS OF THE BENTHIC ENVIRONMENT OF THE UPPER GREAT LAKES, WITH EMPHASIS ON LAKE MICHIGAN FISH RES BOARD CAN J 25(6)1181-1197, 7 FIGS, 2 TABLES
802413	DONALDSON, EDWARD M; YAMAZAKI, FUMIO; CLARKE, W CRAIG - 1968 EFFECT OF HYPOPHYSECTOMY ON PLASMA OSMOLARITY IN GOLDFISH AND ITS REVERSAL BY OVINE PROLACTIN	802425	KEAST, ALLEN - 1968 FEEDING OF SOME GREAT LAKES FISHES AT LOW TEMPERATURES FISH RES BOARD CAN J 25(6)1199-1218, 8 TABLES

802426 - 802450	802426	MATHEW, STEPHEN B - 1968 AN ESTIMATE OF OCEAN MORTALITY OF BRISTOL BAY SOCKEYE SALMON THREE YEARS AT SEA FISH RES BOARD CAN J 25(6)1219-1227	PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)1-10, 8 FIGS, 5 TABLES	
	802427	BELL, GORDON R - 1968 DISTRIBUTION OF TRANSAMINASES (AMINOTRANSFERASES) IN THE TISSUES OF PACIFIC SALMON (ONCORHYNCHUS), WITH EMPHASIS ON THE PROPERTIES AND DIAGNOSTIC USE OF GLUTAMIC-OXALACETIC TRANSAMINASE FISH RES BOARD CAN J 25(6)1247-1268, 2 FIGS, 6 TABLES	802439	POPOV, A V - 1968 MORPHOLOGICAL AND FUNCTIONAL ADAPTATIONS OF THE PAMIR OSMAN SCHIZOPYGOPSIS STOLICZKAI STEIND, IN LAKE YASHIL-KUL PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)10-22, 3 FIGS, 4 TABLES
	802428	CHASTON, I - 1968 INFLUENCE OF LIGHT ON ACTIVITY OF BROWN TROUT (SALMO TRUTTA) FISH RES BOARD CAN J 25(6)1285-1289, 3 FIGS	802440	OSIPOV, V G - 1968 SOME FEATURES OF THE DISTRIBUTION OF TUNA AND OTHER PELAGIC FISHES IN THE NORTHWESTERN INDIAN OCEAN PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)22-28, 6 FIGS, 3 TABLES
	802429	KUTTY, M KRISHNAN - 1968 ESTIMATION OF THE AGE OF EXPLOITATION AT A GIVEN FISHING MORTALITY FISH RES BOARD CAN J 25(6)1291-1294, 1 TABLE	802441	LUKJANENKO, V I - 1968 IMMUNOBIOLOGICAL CHARACTERS OF TWO TAXONOMICALLY ALLIED SPECIES OF SALMONIDAE PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)28-32, 3 TABLES
	802430	HOYLE, R J; IDLER, D R - 1968 PRELIMINARY RESULTS IN THE FERTILIZATION OF EGGS WITH FROZEN SPERM OF ATLANTIC SALMON (SALMO SALAR) FISH RES BOARD CAN J 25(6)1295-1297, 1 TABLE	802442	DOROFYEVA, YE A - 1968 VARIABILITY OF SOME TAXONOMIC CHARACTERS IN THE EVOLUTION OF THE SEVAN TROUT (SALMO ISCHCHAN KESSLER) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)32-39, 10 TABLES
	802431	TOPP, ROBERT W - 1968 AN ESTIMATE OF FECUNDITY OF THE WINTER FLOUNDER, PSEUDOPLEURONECTES AMERICANUS FISH RES BOARD CAN J 25(6)1299-1302, 4 FIGS, 1 TABLE	802443	PIROZHNIKOV, P L - 1968 INCREASING THE FISH PRODUCTION OF LARGE RESERVOIRS PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)40-48
	802432	KNIGHT, WILLIAM - 1968 ASYMPTOTIC GROWTH, AN EXAMPLE OF NONSENSE DISGUISED AS MATHEMATICS FISH RES BOARD CAN J 25(6)1303-1307, 3 FIGS	802444	POLYAKOV, G D - 1968 INTERRELATIONSHIP BETWEEN VARIABILITY IN THE FERTILITY OF FISHES AND THE NUMBERS, STRUCTURE AND FEEDING CONDITIONS OF A POPULATION PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)49-60, 4 FIGS, 7 TABLES
	802433	SPRINGER, VICTOR G - 1968 OSTEOLOGY AND CLASSIFICATION OF THE FISHES OF THE FAMILY BLENNIIDAE SMITHSON INST BULL 1284-85P, 27 FIGS	802445	FERID-PAK, F - 1968 FERTILITY OF THE KUTUM RUTILUS FRISII KUTUM (KAMENSKY) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)61-68, 17 TABLES
	802434	SRIVASTAVA, C B; GHOSH, R K - 1968 ON A NEW SPECIES OF GENUS FELLODISTOMUM STAFFORD, 1904 (TREMATODA, FELLODISTOMIDAE), WITH REDESCRIPTION OF F AGNOTUM NICOLL, 1909 INDIAN J HELMINTHOL 20(1)46-52, 2 FIGS	802446	MENSHUTKIN, V V - 1968 A FISH POPULATION AS A SELF-REGULATING SYSTEM PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)68-74, 6 FIGS
	802435	GUPTA, S P; AGRAWAL, VINOD - 1968 PSEUDOPARAMACRODEROIDES SEENGHALI N G, M SP (ALLOCREADIIDAE WALLINIINAE) FROM THE INTESTINE OF FRESH WATER FISH MYSTUS SEENGHALA (SKYES), FROM LUCKNOW, INDIA INDIAN J HELMINTHOL 20(1)70-74, 1 FIG	802447	ABDULLAYEV, M A; ISTAMOVA, V I; KHASANOV, A KH 1968 THE CARP-BREAM (ABRAMIS BRAMA BERGI GRIB ET VERNIDUB) OF THE KUYU-MAZAR RESERVOIR PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)74-80, 3 FIGS, 8 TABLES
	802436	MALHOTRA, Y R - 1968 ABNORMAL CONDITION OF OVARIES IN SCHIZOTHORAX NIGER HECKEL SOVIET ZOOLOG 34(1)469-470, 2 FIGS	802448	MOROZ, V N - 1968 BIOLOGY OF THE TENCH TINCA TINCA (L) IN THE KILIYA CHANNEL, DANUBE DELTA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)81-89, 1 FIG, 11 TABLES
	802437	KAMAMOTO, TOKIO - 1968 PERMANENCY OF HORMONE-INDUCED REVERSAL OF SEX-DIFFERENTIATION IN THE MEDAKA, ORYZIAS LAT-PES ANNOT ZOOLOG JAP 41(4)112-119, 1 FIG, 2 TABLES	802449	RYZHKOV, L P - 1968 THE RATE OF GASEOUS EXCHANGE IN THE EGGS, LARVAE AND FRY OF THE SEVAN TROUT KEPT IN GROUPS OR ISOLATED PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)89-96, 3 FIGS, 5 TABLES
	802438	BORODULINA, O D - 1968 TAXONOMY AND DISTRIBUTION OF THE GENUS LEUROGLOSSUS BATHYLAGIDAE, PISCES	802450	GZGZYAN, D M; ZAKS, M G; TANASIYCHUK, O F 1968 EFFECT OF HISTAMINE AND PITUITRIN 'P' ON THE GASTRIC SECRETION OF THE EUROPEAN CATFISH (SILURUS GLANIS L) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)97-100, 4 TABLES

- 802451 NEBOL'SINA, T K - 1968  
DAILY FOOD INTAKE AND FEEDING PATTERN OF THE  
CARP-BREAM (ABRAMIS BRAMA (L)) IN THE VOLGOGRAD  
RESERVOIR  
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8(1)101-107, 4 FIGS, 3 TABLES
- 802452 GULIN, V V - 1968  
SOME ASPECTS OF THE PROCEDURE FOR DETERMINING  
THE RELATIVE AGE COMPOSITION OF A COMMERCIAL  
FISH STOCK IN INLAND WATERS  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)107-118, 2 FIGS, 6 TABLES
- 802453 DYGA, A K; ZOLOTAREVA, V I; FEDIN, S I - 1968  
EFFECT OF FOOD INDUSTRY EFFLUENTS ON THE  
ORGANISMS ON WHICH FISHES FEED AND ON THE FISH  
FAUNA OF SAMARA BAY IN THE DNIEPER RESERVOIR  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)119-121, 1 TABLE
- 802454 ORLOV, YU I - 1968  
THE SPACING OF AQUATIC ORGANISMS AS A FACTOR IN  
THEIR TRANSPORTATION  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)122-132, 9 FIGS, 9 TABLES
- 802455 LANGE, N O - 1968  
YE F YEREMEYEV  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)133-134
- 802456 TRUNOV, I A - 1968  
THE WHALEFISH (BARBOURISIA RUFA, FAM  
BARBOURISIIDAE) AND THE FRILLED SHARK  
(CHLAMYDOSELACHUS ANGUINEUS, FAM  
CHLAMYDOSELACHIDAE) FROM SOUTHWEST AFRICAN  
COASTAL WATERS  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)135-138, 3 FIGS
- 802457 IVANOVA-BERG, M M - 1968  
DISCOVERY OF THE SOUTHERN LAMPREY (GEOTRIA  
AUSTRALIS GRAY) IN THE SCOTIA SEA NEAR GEORGIA  
ISLAND  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)138-141, 2 FIGS, 2 TABLES
- 802458 ZOTIN, A I - 1968  
RELATIVE FERTILITY (DEFINITION AND ADAPTIVE  
VARIATION)  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)141-143, 1 FIG
- 802459 POTAPOVA, T L; LEGEDEVA, T V; SHATUNOVSKIY, M I  
1968  
DIFFERENCES IN THE CONDITION OF FEMALES AND  
EGGS OF THE THREE-SPINED  
STICKLEBACK--GASTEROSTEUS ACULEATUS L  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)143-146, 1 FIG, 2 TABLES
- 802460 BAYMOV, U A - 1968  
NUTRITION OF THE ARAL PERCH--PERCA FLUVIATILIS  
L  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)146-149, 2 FIGS, 2 TABLES
- 802461 AMIRKHANOV, G A - 1968  
THE USE OF THE COMPLEMENT FIXATION TEST (CFT)  
FOR ESTABLISHING THE INTRASPECIES  
DIFFERENTIATION OF FISHES  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)149-152, 1 FIG
- 802462 ANONYMOUS - 1968  
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30 JUNE 1968  
36P, 9 FIGS
- 802463 PALMIERI, GIOVANNI; VEGGETTI, ALBA - 1968  
THE MESENCEPHALIC NUCLEUS OF THE TRIGEMINUS OF  
SOME SPECIES OF REPTILES, AMPHIBIA AND FISHES
- RIV BIOL (PERUGIA)  
61(4)533-578, 25 FIGS  
IN ITALIAN AND ENGLISH
- 802464 NOWLAN, SANDRA S; DYER, W J; FRASER, DORIS I  
1968  
PROBLEMS INVOLVED IN THE QUNTITATIVE EXTRACTION  
OF GLYCOGEN AND HIGH-ENERGY PHOSPHORUS  
COMPOUNDS IN FROZEN COD MUSCLE  
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25(8)1525-1538, 2 FIGS, 8 TABLES
- 802465 TARR, H L A - 1968  
POSTMORTEM DEGRADATION OF GLYCOGEN AND STARCH  
IN FISH MUSCLE  
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25(8)1539-1554, 3 FIGS, 11 TABLES
- 802466 BILINSKI, E; GARDNER, L J - 1968  
EFFECT OF STARVATION ON FREE FATTY ACID LEVEL  
IN BLOOD PLASMA AND MUSCULAR TISSUES OF RAINBOW  
TROUT (SALMO GARDNERI)  
FISH RES BOARD CAN J  
25(8)1555-1560, 3 TABLES
- 802467 HOGAN, JAMES W; KNOWLES, CHARLES O - 1968  
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PHOSPHATASES  
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25(8)1571-1579, 2 FIGS, 5 TABLES
- 802468 GOULD, EDITH - 1968  
MALIC ENZYME, EVIDENCE FOR TWO MOLECULAR FORMS  
IN THE SARCOPLASM OF FISH SKELETAL MUSCLE  
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25(8)1581-1589, 3 FIGS, 2 TABLES
- 802469 MILES, S G - 1968  
RHEOTAXIS OF ELVERS OF THE AMERICAN EEL  
(ANGUILLA ROSTRATA) IN THE LABORATORY TO WATER  
FROM DIFFERENT STREAMS IN NOVA SCOTIA  
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25(8)1591-1602, 2 FIGS, 3 TABLES
- 802470 HUANG, CHAU-TING; HICKMAN, CLEVELAND P JR  
1968  
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PROTEINS OF TELEOST FISHES  
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25(8)1651-1666, 11 FIGS, 4 TABLES
- 802471 BOOKE, HENRY EDWARD - 1968  
CYTOTOXONOMIC STUDIES OF THE COREGONINE FISHES  
OF THE GREAT LAKES, USA: DNA AND KARYOTYPE  
ANALYSIS  
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25(8)1667-1687, 5 FIGS, 6 TABLES
- 802472 KUTTY, METHIL NARAYAN - 1968  
RESPIRATORY QUOTIENTS IN GOLDFISH AND RAINBOW  
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25(8)1689-1728, 16 FIGS, 5 TABLES
- 802473 WEIS, JUDITH SHULMAN - 1968  
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GANGLIA IN TELEOST FISHES  
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25(8)1739-1740, 1 FIG, 1 TABLE
- 802474 LEVINGS, C D - 1968  
FERTILIZED EGGS OF THE BUTTER SOLE, ISOPSETTA  
ISOLEPIS, IN SKIDEGATE INLET, BRITISH COLUMBIA  
FISH RES BOARD CAN J  
25(8)1743-1744
- 802475 BOYD, J W; SOUTHCOTT, B A - 1968  
EVALUATION OF FISH HOMOGENATES FOR USE AS  
SUBSTRATES IN CLOSTRIDIUM BOTULINUM TYPE E  
INVESTIGATIONS  
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25(8)1745-1747



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COMPARATIVE EFFECTIVENESS OF  
ETHYLENEDIAMINETETRAACETIC ACID AND  
CHLORTETRACYCLINE FOR FISH PRESERVATION  
FISH RES BOARD CAN J  
25(8)1753-1758, 3 TABLES
- 802477 MARTIN, F. DOUGLAS - 1968  
INTRASPECIFIC VARIATION IN OSMOTIC ABILITIES OF  
CYPRINODON VARIEGATUS LACEPEDE FROM THE TEXAS  
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49(6)1186-1188, 1 FIG, 1 TABLE
- 802478 KARZINKIN, G. S. - 1968  
SOME GENERAL VIEWS OF KARL MARX ON SOIL  
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BIOLOGICAL PRODUCTIVITY OF WATERS  
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8(3)335-339
- 802479 TATARKO, K. I. - 1968  
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8(3)339-350, 2 FIGS, 6 TABLES
- 802480 SHAPOSHNIKOVA, G. KH. - 1968  
A COMPARATIVE MORPHOLOGICAL STUDY OF TAIMEN  
(HUCHO GUNTHER) AND LENOK (BRACHYMYSTAX  
GUNTHER)  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)351-370, 9 FIGS, 8 TABLES
- 802481 ZHITENEVA, L. D. - 1968  
CHANGES IN THE EXPLOITABLE FAUNA OF FRESHWATER  
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THE INFLUENCE OF MAN'S ECONOMIC ACTIVITY (BASED  
ON ARCHEOLOGICAL MATERIALS)  
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8(3)370-377, 1 FIG, 5 TABLES
- 802482 TYURIN, P. V. - 1968  
UNDERLYING BIOLOGICAL PRINCIPLES OF THE CONTROL  
OF FISHING IN INLAND WATERS  
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8(3)377-391, 2 TABLES
- 802483 REZNICHENKO, P. N.; GULIDOV, M. V.;  
KOTLYAREVSKAYA, N. V. - 1968  
SURVIVAL OF EGGS OF THE TENCH TINCA TINCA (L)  
INCUBATED AT CONSTANT TEMPERATURES  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)391-397, 4 TABLES
- 802484 SAUSKAN, V. I.; SEREBRYAKOV, V. P. - 1968  
REPRODUCTION AND DEVELOPMENT OF THE SILVER HAKE  
(MERLUCCIIUS BILINEARIS MITCHILL)  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)398-414, 11 FIGS, 5 TABLES
- 802485 MOROZ, V. N. - 1968  
DESCRIPTION OF THE SPAWNING STOCK, SPAWNING AND  
FERTILITY OF CARP FROM THE KILIYA DELTA OF THE  
DANUBE  
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8(3)414-422, 1 FIG, 11 TABLES
- 802486 YELIZAROV, G. A. - 1968  
STATE OF THE OVERWINTERING STOCK OF STURGEONS  
IN THE LOWER VOLGA  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)422-430, 2 FIGS, 10 TABLES
- 802487 TUGARINA, P. YA. - 1968  
FEEDING AND GROWTH OF THE YOUNG OF THE  
YELLOWWING SCULPIN (COTTOCOMEPHORUS GREWINGKI  
DYB) IN LAKE BAYKAL  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)430-438, 2 FIGS, 9 TABLES
- 802488 MEDANI, YU. I. - 1968  
FEEDING OF DISTICHODUS NILOTICUS (L) AND D
- ROSTRATUS (GUNTHER) IN THE JEBEL-AULIA RESERVOIR  
(SUDAN)  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)438-443, 6 FIGS
- 802489 KOSTRICHKINA, YE. M. - 1968  
FEEDING OF PREDATORY FISHES IN THE GULF OF RIGA  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)444-452, 4 TABLES
- 802490 KUZMINA, V. V. - 1968  
EFFECT OF DIGESTION ON THE REACTION (PH) OF THE  
GASTRIC JUICE OF THE BURBOT (LOTA LOTA(L))  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)453-458, 7 TABLES
- 802491 KOZHIN, N. I.; KOZLOVSKY, D. A. - 1968  
AN ECOLOGICAL APPROACH TO THE BREEDING OF FOOD  
FISHES  
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8(3)459-460
- 802492 PARIN, N. V. - 1968  
DISCOVERY OF THE BATHYPELAGIC FISH WINTERIA  
TELESCOPA BRAUER 1901 (FAM OSPISTHOPROCTIDAE)  
IN THE PACIFIC OCEAN  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)461-462, 1 FIG, 1 TABLE
- 802493 KUKURADZE, A. M. - 1968  
EFFECT OF ECOLOGICAL CONDITIONS IN THE SPAWNING  
PERIOD ON THE SEXUAL CYCLE OF THE PIKE-PERCH  
(LUCIOPERCA LUCIOPERCA (L)) IN THE KILIYA DELTA  
OF THE DANUBE  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
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- 802494 SUKHANOVA, YE. R. - 1968  
THE ROLE OF CYCLOPS (ACANTHOCYCLOPS VERNALIS  
FISCH) IN THE SURVIVAL OF SILVER CARP  
(HYPOTHALMICHTHYS) LARVAE  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)467-469, 1 TABLE
- 802495 SOROKIN, V. N. - 1968  
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8(3)469-473, 6 FIGS, 1 TABLE
- 802496 KONCHINA, YU. V. - 1968  
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OF THE USHKAN'I ISLANDS, LAKE BAYKAL  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(3)474-478, 5 TABLES
- 802497 BRUMMETT, ANNA RUTH - 1968  
DELETION-TRANSPLANTATION EXPERIMENTS ON EMBRYOS  
OF FUNDULUS HETEROCLOTUS, I, THE POSTERIOR  
EMBRYONIC SHIELD  
J EXP ZOO  
169(3)315-334, 7 FIGS, 1 TABLE
- 802498 VAN DEN NIEUWENHUIZEN, AREND - 1968  
DIE PURPURKOPFARBE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(12)400-403, 12 FIGS
- 802499 LUTZEL, UDO - 1968  
AUCH WELSE BAUEN SCHAUMNESTER  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(12)404-405
- 802500 STALLKNECHT, HELMUT - 1968  
GESCHLECHTSUNTERSCHIEDE BEIM SCHOKOLADENGURAMI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(12)406-407, 2 FIGS
- 802501 GODOLLO, PETER HORN - 1968

	<b>FORTPFLANZUNGSFAHIGE SIAMESISCHE ZWILLINGE BEIM POECILIA RETICULATA</b> MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(12)407-409, 3 FIGS	<b>ON A NEW STREIGID METACERCARIA, DIPLOSTOMULUM CEREBRALIS N SP, FROM AN INDIAN FRESH WATER FISH</b> ZOO ANZ 181(3/4)303-306, 2 FIGS	802502 - 802526
802502	GODOLLO, PETER HORN - 1968 <b>DER SIMPSON-SCHWERTTRAGER UND SEINE ZUCHTUNGSTECHNIK</b> MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(12)409-411, 2 FIGS	802515 CHAKRABARTI, K K - 1968 <b>ON A NEW GASTEROSTOME METACERCARIA, BUCEPHALOPSIS PENTAGLANDULATA N SP, FROM AN INDIAN FRESH WATER FISH</b> ZOO ANZ 181(3/4)307-312, 3 FIGS	
802503	ZUKAL, RUDA - 1968 <b>CICHLASOMA NIGROFASCIATUM ALBINO</b> MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(12)416-417, 6 FIGS	802516 KAWANABE, HIROYA; SAITO, TOKO TEZUKA; SUNAGA, TETSUO; MAKI, IWAQ; AZUMA, MIKIO - 1968 <b>ECOLOGY AND BIOLOGICAL PRODUCTION OF LAKE NAKA-UMI AND ADJACENT REGIONS, 4, DISTRIBUTION OF FISHES AND THEIR FOODS</b> SPEC PUBL SETO MAR BIOL LAB SER II PART 2 (4/5)45-73, 6 FIGS, 10 TABLES	
802504	FORMAN, W WAYNE - 1968 <b>NOTES ON THE ECOLOGY OF SIX SPECIES OF CYPRINODONTID FISHES FROM GRAND TERRE, LOUISIANA</b> PROC LA ACAD SCI 31:39-40	802517 SCHMIDT, WERNER - 1968 <b>VERGLEICHEND MORPHOLOGISCHE STUDIE UBER DIE OTOLITHEN MARINER KNOCHENFISCHE</b> ARCH FISCHEREIWISS 19(SUPPL)1-96, 184 FIGS	
802505	DOUGLAS, NEIL H - 1968 <b>NEW RECORD SIZE FOR DARTERS</b> PROC LA ACAD SCI 31:41-42, 1 FIG	802518 PARKER, RICHARD A - 1968 <b>SIMULATION OF AN AQUATIC ECOSYSTEM</b> BIOMETRICS 24(4)803-821, 9 FIGS, 3 TABLES	
802506	FOX, LAWRENCE S; MOCK, WOODROW R JR - 1968 <b>SEASONAL OCCURRENCE OF FISH IN TWO SHORE HABITATS IN BARATARIA BAY, LOUISIANA</b> PROC LA ACAD SCI 31:43-53, 1 FIG, 7 TABLES	802519 STICKEL, LUCILLE F - 1968 <b>ORGANOCHLORINE PESTICIDES IN THE ENVIRONMENT</b> US FISH WILDLIFE SERV SPEC SCI REP WILDLIFE (119)IV + 32P, 4 TABLES	
802507	HUNER, JAY V. - 1968 <b>USE OF FINTRIOLO TO CONTROL UNDESIRABLE FISHES IN SHRIMP-OYSTER PONDS</b> PROC LA ACAD SCI 13:58-61, 1 TABLE	802520 BERG, ANDRE - 1968 <b>STUDIES ON THE METABOLISM OF CALCIUM AND STRONTIUM IN FRESHWATER FISH, I-RELATIVE CONTRIBUTION OF DIRECT AND INTESTINAL ABSORPTION</b> MEM IST ITAL IDROBIOL DOTT MARCO DE MARCHI PALLANZA ITALY 23:161-196, 9 FIGS, 11 TABLES	
802508	DAY, JOHN W JR - 1968 <b>A TIDAL RHYTHM IN THE SUSCEPTIBILITY OF FUNDULUS SIMILIS TO SODIUM CHLORIDE AND ENDRIN</b> PROC LA ACAD SCI 31:62-64	802521 LINDSTROM, THOROLF - 1968 <b>EKOLOGISKA SYNUNKTER PA FISKENS TILLVAXT</b> ZOO REVY 20(3/4)113-123, 6 FIGS, 1 TABLE IN SWEDISH WITH ENGLISH SUMMARY	
802509	GERY, JACQUES - 1968 <b>EVOLUTION REGRESSIVE ET EVOLUTION CREATRICE</b> ZOO ANZ 181(3/4)161-168	802522 LINDSTROM, THOROLF - 1968 <b>PAVISAD FORTPLANTNING HOS INDIANLAX I SVERIGE</b> ZOO REVY 30(3/4)123	
802510	SADOWSKY, VICTOR - 1968 <b>ON THE MEASUREMENT OF THE TOTAL LENGTH OF SHARKS</b> ZOO ANZ 181(3/4)197-199, 1 FIG	802523 HEWITT, G C - 1968 <b>CECROPS LATREILLII LEACH (CECROPIDAE, COPEPODA) ON MOLA MOLA IN NEW ZEALAND WATERS</b> REC DOMINION MUS WELLINGTON 6(5)49-59, 23 FIGS	
802511	PIWERNETZ, DIETER - 1968 <b>ZUR ENTWICKLUNG DER SCHWANZFLOSSENANLAGE BEI HECHTLARVEN</b> ZOO ANZ 181(3/4)199-203, 4 FIGS	802524 BORGSTROM, REIDAR; HALVORSEN, ODD - 1968 <b>STUDIES OF THE HELMINTH FAUNA OF NORWAY. XI. CARYOPHYLLAEIDES FENNICA (SCHNEIDER) (CESTODA: CARYOPHYLLIDEA) IN LAKE BOGSTAD</b> NYTT MAG ZOO (OSLO) 16(1)20-23, 1 FIG, 2 TABLES	
802512	HAIDER, GERHARD - 1968 <b>VERGLEICHENDE UNTERSUCHUNGEN ZUR BLUTMORPHOLOGIE UND HAMATOPOESE EINIGER TELEOSTIER, IV, BLUTBILDUNGSSTATTEN UND BLUTBILDUNG</b> ZOO ANZ 181(3/4)203-226, 10 FIGS, 2 TABLES	802525 HALVORSEN, ODD - 1968 <b>STUDIES OF THE HELMINTH FAUNA OF NORWAY, XII, AZYGIA LUCII (MULLER, 1776) (DIGenea, AZYGIDAE) IN PIKE (ESOX LUCIUS L) FROM BOGSTAD LAKE, AND A NOTE ON ITS OCCURRENCE IN LAKE AND RIVER HABITATS</b> NYTT MAG ZOO (OSLO) 16(1)29-38, 5 FIGS, 8 TABLES	
802513	GAUBA, RAJ K - 1968 <b>ON THE MORPHOLOGY OF THE SKULL OF CATFISH PSEUDECHENEIS SULCATUS</b> ZOO ANZ 181(3/4)226-236, 35 FIGS	802526 WESTIN, LARS - 1968 <b>ENVIRONMENTALLY DETERMINED VARIATION IN THE ROE COLOUR IN THE FOURHORN SCULPIN MYOXOCEPHALUS QUADRICORNIS (L)</b>	
802514	CHAKRABARTI, K K - 1968		

- 802527 - 802551
- OIKOS  
19(2)403-407, 2 TABLES
- 802527 DOWNS, THEODORE - 1968  
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LOS ANGELES, 61P, ILLUS
- 802528 BLUM, VOLKER - 1968  
EXPERIMENTE ZUM STEUERUNGSMECHANISMUS  
HORMONINDUZIERTER BRUTPFLEGEREAKTIONEN BEIM  
BUNTARSCH PTEROPHYLLUM SCALARE  
Z VERGL PHYSIOL  
61(1)21-33, 2 FIGS
- 802529 IVERSEN, E S - 1968  
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HERTFORDSHIRE, ENGLAND, 301P, ILLUS
- 802530 SRIVASTAVA, GOPAL JI - 1968  
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VISHWAVIDYALAYA PRAKASHAN: BHAIKAVNATH,  
VARANASI, INDIA, XXII + 163P, ILLUS
- 802531 FOERSTER, R E - 1968  
THE SOCKEYE SALMON, ONCORHYNCHUS NERKA  
FISHERIES RESEARCH BOARD OF CANADA: OTTAWA, XV  
+ 422P, ILLUS
- 802532 JENNINGS, TERRY - 1968  
SUCCESSFUL RENOVATION OF A SMALL NATURAL IOWA  
LAKE  
PROC IOWA ACAD SCI  
74:92-98, 4 TABLES
- 802533 WELKER, BILL D - 1968  
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CHANNELED AND UNCHANNELED SECTIONS OF THE  
LITTLE SIOUX RIVER, IOWA  
PROC IOWA ACAD SCI  
74:99-104, 5 TABLES
- 802534 ZACH, LARRY V - 1968  
FISH DISTRIBUTION IN SKUNK RIVER DRAINAGE ABOVE  
AMES  
PROC IOWA ACAD SCI  
74:105-116, 5 FIGS, 1 TABLE
- 802535 LAIRD, EDWARD CHARLES - 1968  
UNDERWATER PHOTOGRAPHY OF FISH FOUND ON THE  
CORAL REEFS OF JAMAICA  
PROC IOWA ACAD SCI  
74:247-250, 1 FIG
- 802536 GUPTA, N K; LATA, VISHW - 1968  
ON SIX NEW SPECIES OF ACANTHOCEPHALA FROM SOME  
VERTEBRATE HOSTS IN INDIA  
RES BULL PANJAB UNIV SCI  
18(3/4)253-268, 19 FIGS, 4 TABLES
- 802537 TANDON, K K; MENON, P K B; SAREEN, M L - 1968  
ON THE MARINE FAUNA OF GOA, A PRELIMINARY  
SURVEY, PART 2, FISHES  
RES BULL PANJAB UNIV SCI  
18(3/4)321-324
- 802538 GUPTA, N K; LATA, VISHW - 1968  
OBSERVATIONS ON EIGHT ALREADY KNOWN  
ACANTHOCEPHALAN PARASITES FROM VERTEBRATE HOSTS  
RES BULL PANJAB UNIV SCI  
18(3/4)325-341, 26 FIGS
- 802539 GUPTA, N K; KHULLAR, MANORMA - 1968  
ON A NEW SPECIES OF MONOGENEA, PARAMAZOCRAES  
KAZIKODIENSIS N SP (MAZOCRAEIDAE) FROM AN  
INDIAN MARINE FOOD FISH AT CALICUT (INDIA)  
RES BULL PANJAB UNIV SCI  
18(3/4)409-411, 4 FIGS
- 802540 GUPTA, N K; KHULLAR, MANORMA - 1968  
ON A NEW MONOGENETIC TREMATODE, LAMELLODISCUS  
MINOUSI N SP, (DIPLECTANIDAE) FROM GILLS OF THE  
MARINE FOOD FISH AT BOMBAY (INDIA)  
RES BULL PANJAB UNIV SCI  
18(3/4)429-431, 5 FIGS
- 802541 DHINGRA, O P; VASISHT, H S - 1968  
FISH FAUNA OF DISTRICT HOSHIARPUR (PUNJAB)  
RES BULL PANJAB UNIV SCI  
18(3/4)511-513
- 802542 WHITEHEAD, PETER J P - 1968  
FORTY DRAWINGS OF FISHES MADE BY THE ARTISTS  
WHO ACCOMPANIED CAPTAIN JAMES COOK ON HIS THREE  
VOYAGES TO THE PACIFIC 1768-71, 1772-75,  
1776-80, SOME BEING USED BY AUTHORS IN THE  
DESCRIPTION OF NEW SPECIES  
BRITISH MUSEUM (NATURAL HISTORY): LONDON,  
XXXIP, ILLUS
- 802543 ALEXANDER, R MCNEILL - 1968  
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346P, ILLUS
- 802544 SCOTT, J S - 1968  
MORPHOMETRICS, DISTRIBUTION, GROWTH, AND  
MATURITY OF OFFSHORE SAND LAUNCE (AMMODYTES  
DUBIUS) ON THE NOVA SCOTIA BANKS  
FISH RES BOARD CAN J  
25(9)1775-1785, 4 FIGS, 5 TABLES
- 802545 MACEK, KENNETH J - 1968  
REPRODUCTION IN BROOK TROUT (SALVELINUS  
FONTINALIS) FED SUBLETHAL CONCENTRATIONS OF DDT  
FISH RES BOARD CAN J  
25(9)1787-1796, 1 FIG, 4 TABLES
- 802546 GAKSTATTER, JACK H - 1968  
RATES OF ACCUMULATION OF 14C-DIELDRIN RESIDUES  
IN TISSUES OF GOLDFISH EXPOSED TO A SINGLE  
SUBLETHAL DOSE OF 14C-ALDRIN  
FISH RES BOARD CAN J  
25(9)1797-1801, 3 TABLES
- 802547 LEGAULT, ROMEO-O; DELISLE, CLAUDE - 1968  
LA FRAIE D'UNE POPULATION D'EPERLANS GEANTS,  
OSMERUS EPERLANUS MORDAX, AU LAC HENEY, COMTE  
DE GATINEAU, QUEBEC  
FISH RES BOARD CAN J  
25(9)1813-1830, 7 FIGS, 7 TABLES  
WITH ENGLISH SUMMARY
- 802548 SIMARD, ANDRE; MAGNIN, ETIENNE - 1968  
AGE ET CROISSANCE DU MASKINONGY, ESUX  
MASQUINONGY, DANS QUATRE LACS DU QUEBEC  
FISH RES BOARD CAN J  
25(9)1831-1842, 4 FIGS, 5 TABLES  
WITH ENGLISH SUMMARY
- 802549 JOHNSTON, C E; EALES, J G - 1968  
INFLUENCE OF TEMPERATURE AND PHOTOPERIOD ON  
GUANINE AND HYPOXANTHINE LEVELS IN SKIN AND  
SCALES OF ATLANTIC SALMON (SALMO SALAR) DURING  
PARR-SMOLT TRANSFORMATION  
FISH RES BOARD CAN J  
25(9)1901-1909, 4 FIGS, 2 TABLES
- 802550 SWEERS, H E - 1968  
TWO METHODS OF DESCRIBING THE 'AVERAGE'  
VERTICAL TEMPERATURE DISTRIBUTION OF A LAKE  
FISH RES BOARD CAN J  
25(9)1911-1922, 3 FIGS
- 802551 PARKER, ROBERT R; KABATA, Z; MARGOLIS, L;  
DEAN, M D - 1968  
A REVIEW AND DESCRIPTION OF CALIGUS CURTUS  
MULLER, 1785 (CALIGIDAE, COPEPODA), TYPE  
SPECIES OF ITS GENUS  
FISH RES BOARD CAN J  
25(9)1923-1969, 108 FIGS, 1 TABLE



802552	GODFREY, H; WORLUND, D D; BILTON, H T - 1968 TESTS ON THE ACCURACY OF AGEING CHINOOK SALMON (ONCORHYNCHUS TSHAWYTSCHA) FROM THEIR SCALES FISH RES BOARD CAN J 25(9)1971-1982, 8 TABLES	802555	MILES, S G - 1968 LABORATORY EXPERIMENTS ON THE ORIENTATION OF THE ADULT AMERICAN EEL, ANGUILLA ROSTRATA FISH RES BOARD CAN J 25(10)2143-2155, 3 FIGS, 2 TABLES	802552 - 802578
802553	MCCAULEY, ROBERT W - 1968 SUGGESTED PHYSIOLOGICAL INTERACTION AMONG RAINBOW TROUT FINGERLINGS UNDERGOING THERMAL STRESS FISH RES BOARD CAN J 25(9)1983-1986, 3 TABLES	802566	JONAS, R E E - 1968 DISSOLUTION OF FISH MUSCLE HOMOGENATES BY LYSOLECITHIN FISH RES BOARD CAN J 25(10)2157-2164, 1 FIG, 3 TABLES	
802554	LINDSEY, C C - 1968 TEMPERATURES OF RED AND WHITE MUSCLE IN RECENTLY CAUGHT MARLIN AND OTHER LARGE TROPICAL FISH FISH RES BOARD CAN J 25(9)1987-1992, 2 FIGS	802567	MURRAY, A R - 1968 SMOLT SURVIVAL AND ADULT UTILIZATION OF LITTLE CODROY RIVER, NEWFOUNDLAND, ATLANTIC SALMON FISH RES BOARD CAN J 25(10)2165-2218, 9 FIGS, 19 TABLES	
802555	TURNER, C E; BILTON, H T - 1968 ANOTHER PINK SALMON (ONCORHYNCHUS GORBUSCHA) IN ITS THIRD YEAR FISH RES BOARD CAN J 25(9)1993-1996, 2 FIGS, 2 TABLES	802568	SHERI, A N; POWER, G - 1968 REPRODUCTION OF WHITE PERCH, ROCCUS AMERICANUS, IN THE BAY OF QUINTE, LAKE ONTARIO FISH RES BOARD CAN J 25(10)2225-2231, 1 FIG, 4 TABLES	
802556	SINCLAIR, D C - 1968 DIEL LIMNETIC OCCURRENCE OF YOUNG COTTUS ASPER IN TWO BRITISH COLUMBIA LAKES FISH RES BOARD CAN J 25(9)1997-2000, 1 FIG, 1 TABLE	802569	DUNCAN, RICHARD N; DONALDSON, IVAN J - 1968 TATTOO-MARKING OF FINGERLING SALMONIDS WITH FLUORESCENT PIGMENTS FISH RES BOARD CAN J 25(10)2233-2236, 1 TABLE	
802557	ALI, M A; ANCTIL, M - 1968 CORRELATION ENTRE LA STRUCTURE RETINIENNE ET L'HABITAT CHEZ STIZOSTEDION VITREUM VITREUM ET S.CANADENSE FISH RES BOARD CAN J 25(9)2001-2003, 1 FIG	802570	PLETCHER, F T - 1968 A SUBCUTANEOUS DART TAG FOR FISH FISH RES BOARD CAN J 25(10)2237-2240, 3 FIGS	
802558	REIMERS, PAUL E - 1968 SOCIAL BEHAVIOR AMONG JUVENILE FALL CHINOOK SALMON FISH RES BOARD CAN J 25(9)2005-2008	802571	KENNEDY, W A - 1968 EFFECT OF THE FP-66 TAG ON SABLEFISH GROWTH FISH RES BOARD CAN J 25(10)2247-2249, 1 TABLE	
802559	SMITH, M W - 1968 FERTILIZATION AND PREDATOR CONTROL TO INCREASE GROWTH RATE AND YIELD OF TROUT IN A NATURAL LAKE FISH RES BOARD CAN J 25(10)2011-2036, 1 FIG, 14 TABLES	802572	BRADFORD, CRAIG S; GRUNDMANN, ALBERT W - 1968 LERNAEA CYPRINACA LINN, A PARASITIC COPEPOD INFECTING FISH IN UTAH WATERS PROC UTAH ACAD SCI ARTS LETT 45(1)128-129	
802560	ANDERSON, MARGARET L; RAVESI, ELINOR M - 1968 RELATION BETWEEN PROTEIN EXTRACTABILITY AND FREE FATTY ACID PRODUCTION IN COD MUSCLE AGED IN ICE FISH RES BOARD CAN J 25(10)2059-2069, 7 FIGS, 2 TABLES	802573	BUDD, J C; FRY, F E J; SMITH, J B - 1968 SURVIVAL OF MARKED LAKE TROUT IN LAKE MANITOU, MANITOULIN ISLAND, ONTARIO FISH RES BOARD CAN J 25(11)2257-2268, 4 FIGS, 5 TABLES	
802561	POWER, H E; SINCLAIR, R; SAVAGAON, K - 1968 USE OF EDTA COMPOUNDS FOR THE PRESERVATION OF HADDOCK FILLETS FISH RES BOARD CAN J 25(10)2071-2082, 5 FIGS, 6 TABLES	802574	GREER, G L; PAIM, U - 1968 DEGRADATION OF DDT IN ATLANTIC SALMON (SALMO SALAR) FISH RES BOARD CAN J 25(11)2321-2326, 1 FIG	
802562	ADDISON, R F; ACKMAN, R G; HINGLEY, J - 1968 DISTRIBUTION OF FATTY ACIDS IN COD FLESH LIPIDS FISH RES BOARD CAN J 25(10)2083-2090, 4 TABLES	802575	CUSHING, D H - 1968 DIRECT ESTIMATION OF A FISH POPULATION ACOUSTICALLY FISH RES BOARD CAN J 25(11)2349-2364, 11 FIGS	
802563	QADRI, S U - 1968 GROWTH AND REPRODUCTION OF THE LAKE WHITEFISH, COREGONUS CLUPEAIFORMIS, IN LAC LA RONGE, SASKATCHEWAN FISH RES BOARD CAN J 25(10)2091-2100, 1 FIG, 3 TABLES	802576	VAN DER LAND, JACOB; TEMPLEMAN, WILFRED - 1968 TWO NEW SPECIES OF GYROCYTLE (MONOGENEA) FROM HYDROLAGUS AFFINIS (BRITO CAPELLO) (HOLOCEPHALI) FISH RES BOARD CAN J 25(11)2365-2385, 33 FIGS, 4 TABLES	
802564	HOGMAN, WALTER J - 1968 ANNULUS FORMATION ON SCALES OF FOUR SPECIES OF COREGONIDS REARED UNDER ARTIFICIAL CONDITIONS FISH RES BOARD CAN J 25(10)2111-2122, 6 FIGS, 2 TABLES	802577	SYMONS, PHILIP E K - 1968 INCREASE IN AGGRESSION AND IN STRENGTH OF THE SOCIAL HIERARCHY AMONG JUVENILE ATLANTIC SALMON DEPRIVED OF FOOD FISH RES BOARD CAN J 25(11)2387-2401, 2 FIGS, 7 TABLES	
		802578	VANSTONE, W E; MARKERT, J R - 1968 SOME MORPHOLOGICAL AND BIOCHMICAL CHANGES IN COHO SALMON, ONCORHYNCHUS KISUTCH, DURING	

- PRE-SMOLT TRANSFORMATION**  
FISH RES BOARD CAN J  
25(11)2403-2418, 7 FIGS, 3 TABLES
- 802579** WHITE, H C; MEDCOF, J C - 1968  
**ATLANTIC SALMON SCALES AS RECORDS OF SPAWNING HISTORY**  
FISH RES BOARD CAN J  
25(11)2439-2441, 3 FIGS
- 802580** MACEK, KENNETH J - 1968  
**GROWTH AND RESISTENCE TO STRESS IN BROOK TROUT FED SUBLETHAL LEVELS OF DDT**  
FISH RES BOARD CAN J  
25(11)2443-2451, 1 FIG, 2 TABLES
- 802581** ALLEN, RICHARD L; MEEKIN, THOMAS K; PAULEY, GILBERT B; FUJIHARA, M PAUL - 1968  
**MORTALITY AMONG CHINOOK SALMON ASSOCIATED WITH THE FUNGUS DERMOCYSTIDIUM**  
FISH RES BOARD CAN J  
25(11)2467-2475, 4 FIGS, 2 TABLES
- 802582** TSUYUKI, H; ROBERTS, E; LOWES, R H; HADAWAY, W; WESTRHEIM, S J - 1968  
**CONTRIBUTION OF PROTEIN ELECTROPHORESIS TO ROCKFISH (SCORPAENIDAE) SYSTEMATICS**  
FISH RES BOARD CAN J  
25(11)2477-2501, 4 FIGS, 10 TABLES
- 802583** HOURSTON, A S - 1968  
**ABNORMAL CESSATION OF GROWTH IN A HERRING OTOLITH**  
FISH RES BOARD CAN J  
25(11)2503-2504, 1 FIG
- 802584** WESTRHEIM, S J - 1968  
**FIRST RECORDS OF THREE ROCKFISH SPECIES (SEBASTODES AURORA, S. CILIATUS, AND SEBASTOLOBUS ALTIVELIS) FROM WATERS OFF BRITISH COLUMBIA**  
FISH RES BOARD CAN J  
25(11)2509-2512, 3 FIGS
- 802585** OWENS, EBEN L; GEBHARDT, GARY A - 1968  
**A RAPID MARKING TECHNIQUE FOR IDENTIFICATION OF INDIVIDUAL FISH**  
FISH RES BOARD CAN J  
25(11)2519-2520, 3 FIGS
- 802586** LAWLER, G H - 1968  
**TRIAENOPHORUS NODULOSUS IN BURBOT, LOTA LOTA, FROM HEMING LAKE, MANITOBA**  
FISH RES BOARD CAN J  
25(11)2523-2524, 1 TABLE
- 802587** SANTOS, RUBENS DA SILVA; VALENCA, JOEL GOMES - 1968  
**A FORMACAO SANTANA E SUA PALEOICTOFAUNA**  
AN ACAD BRASIL CIENC  
40(3)339-360, 11 FIGS, 3 TABLES  
WITH ENGLISH SUMMARY
- 802588** KARMARKAR, S P; GAZDAR, G S - 1968  
**STUDIES ON THE STING-RAY, DASYATIS UARNAK FORSK. - I BLOOD CELLS**  
J UNIV BOMBAY  
37(64)56-64, 20 FIGS
- 802589** KLAUSEWITZ, WOLFGANG - 1968  
**FISCHE AUS DEM ROTEN MEER, IX, PSEUDOCROMIS FRIDMANI N SP AUS DEM GOLF VON AQABA (PISCES, OSTEICHTHYES, PSEUDOCROMIDAE)**  
SENCKENBERGIANA BIOL  
49(6)443-450, 3 FIGS
- 802590** PRICE, CHARLES E; YURKIEWICZ, WILLIAM J - 1968  
**THE MONOGENEAN PARASITES OF AFRICAN FISHES, VII. A RE-EVALUATION OF THE GENUS DOGIELIUS BYCHOWSKY, 1936, WITH THE DESCRIPTION OF A NEW SPECIES**  
REV IBER PARASITOL  
28(4)467-472, 1 FIG
- 802591** DE GODOY, M P - 1968  
**NOVA ESPÉCIE DE STERNARCHELLA EIGENMANN (PISCES, GYMNONOTI, STERNARCHIDAE)**  
REV BRASIL BIOL  
28(4)351-355, 5 FIGS  
WITH ENGLISH SUMMARY
- 802592** AMATO, JOSE FELIPE RIBEIRO - 1968  
**CONTRIBUICAO AO CONHECIMENTO DA FAUNA HELMINTOLOGICA DO RIO GRANDE DO SUL, UM NOVO PARASITO DE PEIXE CASCUDO 'PLECOSTOMUS COMMERSONI' (CUV & VAL) (TREMATODA, HEMIUROIDEA)**  
REV BRASIL BIOL  
28(4)433-438, 5 FIGS, 1 TABLE  
WITH ENGLISH SUMMARY
- 802593** BERTMAR, GUNNAR - 1968  
**PHYLOGENY AND EVOLUTION IN LUNGFISHES**  
ACTA ZOOL (STOCKHOLM)  
49(3)189-201, 5 FIGS
- 802594** NYMAN, LENNART; WESTIN, LARS - 1968  
**SPONTANEOUS HYBRIDIZATION IN COTTIDAE**  
ACTA ZOOL (STOCKHOLM)  
49(3)219-226, 3 FIGS, 1 TABLE
- 802595** RASTOGI, RAKESH K - 1968  
**THE OCCURRENCE AND SIGNIFICANCE OF FOLLICULAR ATRESIA IN THE CATFISH, MYSTUS TENGARA (HAM) (TELEOSTEI)**  
ACTA ZOOL (STOCKHOLM)  
49(3)307-319, 18 FIGS
- 802596** MACCRIMMON, HUGH R; MARSHALL, T L - 1968  
**WORLD DISTRIBUTION OF BROWN TROUT, SALMO TRUTTA**  
FISH RES BOARD CAN J  
25(12)2527-2548, 6 FIGS, 4 TABLES
- 802597** IDLER, D R; SZEPLAKI, B J - 1968  
**INTERRENALECTOMY AND STRESS IN RELATION TO SOME BLOOD COMPONENTS OF AN ELASMOBRANCH (RAJA RADIATA)**  
FISH RES BOARD CAN J  
25(12)2549-2560, 1 FIG, 3 TABLES
- 802598** FITCH, JOHN E; BROWNELL, ROBERT L JR - 1968  
**FISH OTOLITHS IN CETACEAN STOMACHS AND THEIR IMPORTANCE IN INTERPRETING FEEDING HABITS**  
FISH RES BOARD CAN J  
25(12)2561-2574, 3 FIGS, 3 TABLES
- 802599** SEMAKULA, S N; LARKIN, P A - 1968  
**AGE, GROWTH, FOOD, AND YIELD OF THE WHITE STURGEON (ACIPENSER TRANSMONTANUS) OF THE FRASER RIVER, BRITISH COLUMBIA**  
FISH RES BOARD CAN J  
25(12)2589-2602, 9 FIGS, 4 TABLES
- 802600** HART, J S - 1968  
**RESPIRATION OF THE WINNIPEG GOLDEYE (HIDION ALOSIDES)**  
FISH RES BOARD CAN J  
25(12)2603-2608, 2 FIGS, 1 TABLE
- 802601** MOUNIB, M S; HWANG, P C; IDLER, D R - 1968  
**CRYOGENIC PRESERVATION OF ATLANTIC COD (GADUS MORHUA) SPERM**  
FISH RES BOARD CAN J  
25(12)2623-2632, 5 TABLES
- 802602** MCDERMOTT, L A; BERST, A H - 1968  
**EXPERIMENTAL PLANTINGS OF BROOK TROUT (SALVELINUS FONTINALIS) FROM FURUNCULOSIS-INFECTED STOCK**  
FISH RES BOARD CAN J  
25(12)2643-2649, 3 TABLES
- 802603** WILKINS, N P - 1968  
**MULTIPLE HAEMOGLOBINS OF THE ATLANTIC SALMON (SALMO SALAR)**  
FISH RES BOARD CAN J  
25(12)2651-2663, 6 FIGS, 3 TABLES

802604	DAY, DONALD S; PEARCY, WILLIAM G - 1968 SPECIES ASSOCIATIONS OF BENTHIC FISHES ON THE CONTINENTAL SHELF AND SLOPE OFF OREGON FISH RES BOARD CAN J 25(12)2665-2675, 3 FIGS, 3 TABLES	802617	WILES, MICHAEL - 1968 POSSIBLE EFFECTS OF THE HARBOUR SEAL BOUNTY ON CODWORM INFESTATIONS OF ATLANTIC COD IN THE GULF OF ST LAWRENCE, THE STRAIT OF BELLE ISLE, AND THE LABRADOR SEA FISH RES BOARD CAN J 25(12)2749-2753, 1 FIG, 1 TABLE	802604 - 802630
802605	ANDERSON, JOHN M - 1968 EFFECT OF SUBLETHAL DDT ON THE LATERAL LINE OF BROOK TROUT, SALVELINUS FONTINALIS FISH RES BOARD CAN J 25(12)2677-2682, 2 FIGS	802618	BREZINOVA, DRAHOMIRA; LOSOS, LUDVIK; MAJZNER, ZDENEK - 1968 METHOD OF THE REPRODUCTION OF SILICIOUS CASTS IN PALEONTOLOGICAL MATERIAL SB NAR MUS PRAZE 24(1)89-92, 6 FIGS IN GERMAN WITH ENGLISH SUMMARY	
802606	WITHLER, F C; MORLEY, R B - 1968 EFFECTS OF CHILLED STORAGE ON VIABILITY OF STORED OVA AND SPERM OF SOCKEYE AND PINK SALMON FISH RES BOARD CAN J 25(12)2695-2699, 2 FIGS	802619	MORENO, G; REVUELTA, G - 1968 UN NUEVO PEZ EN AGUAS CONTINENTALES CHILENAS, CNESTEREDON DECEMMACULATUS (JENYNS) 1842 NOTIC MENSUAL MUS NAC HIST NATUR 12(143)8-11, 1 FIG	
802607	ALLEN, K RADWAY - 1968 SIMPLIFICATION OF A METHOD OF COMPUTING RECRUITMENT RATES FISH RES BOARD CAN J 25(12)2701-2702	802620	TERMIER, HENRI; TERMIER, GENEVIEVE - 1968 BIOLOGIE ET ECOLOGIE DES PREMIERS FOSSILES, MONOGRAPHIE 8 MASSON ET CIE, EDEITEURS: PARIS, 213P, ILLUS	
802608	REISMAN, HOWARD M - 1968 REPRODUCTIVE ISOLATING MECHANISMS OF THE BLACKSPOTTED STICKLEBACK, GASTEROSTEUS WHEATLANDI FISH RES BOARD CAN J 25(12)2703-2706	802621	ROMER, ALFRED S - 1968 NOTES AND COMMENTS ON VERTEBRATE PALEONTOLOGY THE UNIVERSITY OF CHICAGO PRESS: CHICAGO AND LONDON, VIII + 304P	
802609	BECKETT, J S - 1968 NEW RECORDS OF THE BARNACLE CONCHODERMA VIRGATUM IN THE NORTHWEST ATLANTIC FISH RES BOARD CAN J 25(12)2707-2710, 1 FIG, 1 TABLE	802622	SCHMALHAUSEN, I I - 1968 THE ORIGIN OF TERRESTRIAL VERTEBRATES ACADEMIC PRESS: NEW YORK AND LONDON, XXI + 314P, ILLUS	
802610	GOSSELIN-REY, C; HAMOIR, G; SCOPES, R K - 1968 LOCALIZATION OF CREATINE KINASE IN THE STARCH-GEL AND MOVING-BOUNDARY ELECTROPHORETIC PATTERNS OF FISH MUSCLE FISH RES BOARD CAN J 25(12)2711-2714, 3 FIGS	802623	GRAY, JAMES - 1968 ANIMAL LOCOMOTION W W NORTON & COMPANY, INC: NEW YORK, XI + 479P, ILLUS	
802611	SCOPES, R K; GOSSELIN-REY, C - 1968 POLYMORPHISM IN CARP MUSCLE CREATINE KINASE FISH RES BOARD CAN J 25(12)2715-2716, 1 FIG	802624	LELEK, ANTONIN - 1968 THE VERTICAL DISTRIBUTION OF FISHES IN THE EBO STREAM AND NOTES TO THE FISH OCCURRENCE IN THE LAKE BOSUMTWI, ASHANTI, GHANA ZOO LISTRY 17(3)245-252, 4 FIGS, 2 TABLES	
802612	GARSDIE, E T; JORDAN, C M - 1968 UPPER LETHAL TEMPERATURES AT VARIOUS LEVELS OF SALINITY IN THE EURYHALINE CYPRINODONTIDS FUNDULUS HETEROCLITUS AND F. DIAPHANUS AFTER ISOSMOTIC ACCLIMATION FISH RES BOARD CAN J 25(12)2717-2720, 1 TABLE	802625	LUSK, STANISLAV - 1968 SEXUAL MATURITY, SEX RATIO AND FECUNDITY IN THE BROWN TROUT SALMO TRUTTA M FARIO L, IN THE LOUCKA RIVER ZOO LISTRY 17(3)253-268, 2 FIGS, 5 TABLES	
802613	BARRETT, B E - 1968 FIRST OCCURRENCE OF GREENLAND HALIBUT (REINHARDTIUS HIPPOGLOSSOIDES) IN THE BAY OF FUNDY FISH RES BOARD CAN J 25(12)2721-2722	802626	PENAZ, MILAN - 1968 DEVELOPMENT OF THE CHUB, LEUCISCUS CEPHALUS (LINNAEUS, 1758) IN THE POSTHATCHING PERIOD ZOO LISTRY 17(3)269-278, 4 FIGS, 1 TABLE	
802614	ENNIS, G P - 1968 OCCURRENCES OF THE STAGHORN SCULPIN (GYMNOCANTHUS TRICUSPIS) IN NEWFOUNDLAND WATERS FISH RES BOARD CAN J 25(12)2729-2731, 1 FIG, 1 TABLE	802627	MCCARTNEY, WILLIAM - 1968 OLFACTION AND ODOURS, AN OSPHRESIOLOGICAL ESSAY SPRINGER-VERLAG: BERLIN AND HEIDELBERG, VIII + 249P	
802615	DELISLE, CLAUDE; VAN VLIET, W - 1968 FIRST RECORDS OF THE SCULPINS MYOXOCEPHALUS THOMPSONII AND COTTUS RICEI FROM THE OTTAWA VALLEY, SOUTHWESTERN QUEBEC FISH RES BOARD CAN J 25(12)2733-2737, 1 FIG, 2 TABLES	802628	YOUNGBLUTH, MARSH J - 1968 ASPECTS OF THE ECOLOGY AND ETHOLOGY OF THE CLEANING FISH, LABROIDES PHTHIROPHAGUS RANDALL Z TIERPSYCHOL 25(8)915-932, 8 FIGS, 5 TABLES	
802616	PIENAAR, L V; RICKER, W E - 1968 ESTIMATING MEAN WEIGHT FROM LENGTH STATISTICS FISH RES BOARD CAN J 25(12)2743-2747, 2 TABLES	802629	SCHLICHTER, DIETRICH - 1968 DAS ZUSAMMENLEBEN VON RIFFANEMONEN UND ANEMONENFISCHEN Z TIERPSYCHOL 25(8)933-954, 5 FIGS, 2 TABLES WITH ENGLISH SUMMARY	
		802630	SWAN, M A - 1968	



- DOUBLE-MOUTH DEFORMITY IN A TROUT (SALMO TRUTTA) AND ITS CAUSE**  
J ZOOL PROC ZOOL SOC LONDON  
156(4)449-455, 2 FIGS
- 802631** DZWILLO, M - 1968  
**SPEZIATION ALS PROBLEM DER GENETIK**  
ZOOL ANZ  
181(1/2)39-50, 4 FIGS
- 802632** PANT, M C - 1968  
**THE PROCESS OF ATRESIA AND THE FATE OF THE DISCHARGED FOLLICLE IN THE OVARY OF GLYPTOTHORAX PECTINOPTERUS**  
ZOOL ANZ  
181(1/2)153-160, 14 FIGS
- 802633** HOGNESTAD, PER T - 1968  
**POLAR COD, BOREOGADUS SAIDA LEP, IN NORWEGIAN WATERS**  
ASTARTE  
(31)3P, 2 FIGS
- 802634** COMBS, BOBBY D - 1968  
**AN ELECTRICAL GRID FOR CONTROLLING TREMATODE CERCARIAE IN HATCHERY WATER SUPPLIES**  
PROGR FISH-CULT  
30(2)67-75, 7 FIGS
- 802635** BECKER, C DALE; BRUNSON, WAYNE D - 1968  
**THE BASS TAPEWORM, A PROBLEM IN NORTHWEST TROUT MANAGEMENT**  
PROGR FISH-CULT  
30(2)76-83, 1 TABLE
- 802636** MCELWAIN, IVAN B; POST, GEORGE - 1968  
**EFFICACY OF CYZINE FOR TROUT HEXAMITIASIS**  
PROGR FISH-CULT  
30(2)84-90, 3 TABLES
- 802637** SUMNER, F H - 1968  
**A METHOD FOR SCALE COMPARISON**  
PROGR FISH-CULT  
30(2)91, 1 FIG
- 802638** GUNNING, GERALD E; BERRA, TIM M - 1968  
**REPOPULATION OF A DECIMATED STREAM SEGMENT BY THE SHARPPIN CHUBSUCKER**  
PROGR FISH-CULT  
30(2)92-95, 1 FIG, 2 TABLES
- 802639** PHILLIPS, ROBERT W; CLAIRE, ERROL W - 1968  
**TESTS OF PROCEDURES FOR LOWERING DISSOLVED OXYGEN CONTENT OF WATER WITH NITROGEN**  
PROGR FISH-CULT  
30(2)95
- 802640** KONAR, S K - 1968  
**EXPERIMENTAL USE OF CHLORDANE IN FISHERY MANAGEMENT**  
PROGR FISH-CULT  
30(2)96-99, 3 TABLES
- 802641** FLICK, WILLIAM - 1968  
**EFFECTIVENESS OF THREE TYPES OF BARRIER PANELS IN PREVENTING UPSTREAM MIGRATION OF FISH**  
PROGR FISH-CULT  
30(2)100-103, 1 FIG, 1 TABLE
- 802642** SAUNDERS, RICHARD L - 1968  
**AN EVALUATION OF TWO METHODS OF ATTACHING TAGS TO ATLANTIC SALMON SMOLTS**  
PROGR FISH-CULT  
30(2)104-109, 4 FIGS, 1 TABLE
- 802643** ANONYMOUS - 1968  
**SULFAMERAZINE APPROVED FOR THE TREATMENT OF FURUNCULOSIS IN BROOK, BROWN, AND RAINBOW TROUT**  
PROGR FISH-CULT  
30(2)109
- 802644** MORRIS, LARRY A; NOVAK, PAUL F - 1968  
**THE TELEPHONE GENERATOR AS AN ELECTROFISHING TOOL**  
PROGR FISH-CULT  
30(2)110-112, 1 FIG, 2 TABLES
- 802645** POZAR, DUSAN F - 1968  
**AN AUTOMATIC WET-FOOD DISPENSER**  
PROGR FISH-CULT  
30(2)113-115, 3 FIGS
- 802646** DAHLBERG, MICHAEL L; PHINNEY, DUANE E - 1968  
**A MICROPROJECTOR FOR USE IN SCALE STUDIES**  
PROGR FISH-CULT  
30(2)118-119, 1 FIG
- 802647** TONEY, DON; BOWEN, J T - 1968  
**SELECTION OF RAINBOW TROUT BROOD STOCK**  
PROGR FISH-CULT  
30(2)120, 1 TABLE
- 802648** OVCHYNNYK, MICHAEL M - 1968  
**ANNOTATED LIST OF THE FRESHWATER FISH OF ECUADOR**  
ZOOL ANZ  
181(3/4)237-268, 1 FIG, 2 TABLES
- 802649** SAMUEL, C T - 1968  
**MARINE FISHERIES IN INDIA**  
M/S S T REDDIAR & SONS: INDIA, 254P, ILLUS
- 802650** JENNINGS, TERRY - 1968  
**SUMMARY OF 22 CONSECUTIVE YEARS OF CREEL CENSUS ON SPIRIT LAKE**  
PROC IOWA ACAD SCI  
75:159-163, 3 FIGS
- 802651** ALBERTSON, ROGER D; SCHULTZ, FRED - 1968  
**FISHES OF LITTLE WALL LAKE, 1967**  
RPOC IOWA ACAD SCI  
75:164-169, 2 FIGS, 2 TABLES
- 802652** SHIREMAN, JEROME V - 1968  
**AGE AND GROWTH OF BLUEGILLS, LEPOMIS MACROCHIRUS RAFINESQUE, FROM SELECTED CENTRAL IOWA FARM PONDS**  
PROC IOWA ACAD SCI  
75:170-178, 1 FIG, 7 TABLES
- 802653** CARTER, NEIL E - 1968  
**AGE AND GROWTH OF SAUGER IN POOL 19 OF THE MISSISSIPPI RIVER**  
PROC IOWA ACAD SCI  
75:179-183, 1 FIG, 3 TABLES
- 802654** MEGLITSCH, PAUL A - 1968  
**SOME COELOZOIC MYXOSPORIDA FROM NEW ZEALAND FISHES II, ON A NEW GENUS OF MYXOSPORIDA, AUERBACHIA**  
PROC IOWA ACAD SCI  
75:397-401, 1 FIG
- 802655** HOLL, A; MEINEL, WERNER - 1968  
**DAS GERUCHSORGAN DES TIEFSEEFISCHES APHANOPUS CARBO (PERCOMORPHI, TRICHIURIDAE)**  
HELGOLAENDER WISS MEERESUNTERS  
18(4)404-423, 11 FIGS
- 802656** STOCKEM, W; KOMNICK, H; WOHLFARTH-BOTTERMANN, K E - 1968  
**ZUR CYTOLOGIE DER RECTALDRUSEN VON KNORPELFISCHEN, II TEIL, DIE MIKROMORPHOLOGIE DES ZENTRALEN SAMMELKANALS**  
HELGOLAENDER WISS MEERESUNTERS  
18(4)424-452, 16 FIGS,
- 802657** ROSENTHAL, H - 1968  
**SCHWIMMVERHALTEN UND SCHWIMMGESCHWINDIGKEIT BEI DEN LARVEN DES HERINGS CLUPEA HARENGUS**  
HELGOLAENDER WISS MEERESUNTERS  
18(4)453-486, 26 FIGS, 4 TABLES

- 802658 PRECHT, H - 1968  
DER EINFLUSS 'NORMALER' TEMPERATUREN AUF  
LEBENSPROZESSE BEI WECHSELWARMEN TIEREN UNTER  
AUSSCHLUSS DER WACHSTUMS- UND  
ENTWICKLUNGSPROZESSE  
HELIGLAENDER WISS MEERESUNTERS  
18(4)487-548, 6 FIGS
- 802659 PETR, T - 1968  
DISTRIBUTION, ABUNDANCE AND FOOD OF COMMERCIAL  
FISH IN THE BLACK VOLTA AND THE VOLTA MAN-MADE  
LAKE IN GHANA DURING ITS FIRST PERIOD OF  
FILLING (1964-1966), I, MORMYRIDAE  
HYDROBIOLOGIA  
32(3/4)417-448, 9 FIGS, 10 TABLES
- 802660 GANAPATI, S V; SREENIVASAN, A - 1968  
ASPECTS OF LIMNO-BIOLOGY, PRIMARY PRODUCTION  
AND FISHERIES IN THE STANLEY RESERVOIR, MADRAS  
STATE  
HYDROBIOLOGIA  
32(3/4)551-569, 2 FIGS, 4 TABLES
- 802661 PEQUIGNOT, J; LABAT, R; SERFATY, ALBERT - 1968  
VAGOTONICITE ET RESISTANCE A LA SALINITE CHEZ  
QUELQUES TELEOSTEENS D'EAU DOUCE  
HYDROBIOLOGIA  
32(3/4)570-576, 5 FIGS
- 802662 JERMANSKA, ANNA - 1968  
ICHTYOFAUNE DES COUCHES A MENILITE (FLYSCH DES  
KARPATHEES)  
ACTA PALAEONTOLOGICA  
13(3)379-488, 43 FIGS, 9 TABLES
- 802663 HIGO, NOBIO; TANOUE, TOYOTAKA; MORITA, TOMOKAZU  
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STUDIES ON THE FISHERIES IN THE SEA AROUND THE  
UJI-ISLANDS  
MEM FAC FISH KAGOSHIMA UNIV  
17:45-63, 7 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802664 YONEMORI, TORU - 1968  
STUDIES ON THE TRANSPORTATION OF FISH THROUGH A  
PIPING-I, THE PRESENT STATUS AND SOME  
SUGGESTIONS FOR NEW METHOD  
MEM FAC FISH KAGOSHIMA UNIV  
17:73-85, 8 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802665 EBBESSON, SVEN O E - 1968  
RETINAL PROJECTIONS IN TWO TELEOST FISHES  
(OPSANUS TAU AND GYMNOTHORAX FUNEBRIS), AN  
EXPERIMENTAL STUDY WITH SILVER IMPREGNATION  
METHODS  
BRAIN BEHAV EVOL  
1(2)134-154, 14 FIGS
- 802666 ALONCLE, H - 1968  
CATALOGUE DES TYPES DE POISSONS TELEOSTEENS EN  
COLLECTION AU MUSEUM DE LA ROCHELLE  
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40(4)683-691
- 802667 OLLA, BORI L; MARCHIONI, WARREN W - 1968  
RHYTHMIC MOVEMENTS OF CONES IN THE RETINA OF  
BLUEFISH, POMATOMUS SALTATRIX, HELD IN CONSTANT  
DARKNESS  
BIOL BULL (LANCASTER, PA)  
135(3)530-536, 1 FIG, 2 TABLES
- 802668 READ, LAWRENCE J - 1968  
UREA AND TRIMETHYLAMINE OXIDE LEVELS IN  
ELASMOBRANCH EMBRYOS  
BIOL BULL (LANCASTER, PA)  
135(3)537-547, 4 FIGS, 1 TABLE
- 802669 BOULINEAU-COATANE, F - 1968  
ETUDE ANATOMIQUE ET DESCRIPTIVE DES OTOLITHES  
(SAGITTA) DU BAR (MORONE LABRAX) (POISSONS,  
TELEOSTEENS, PERCIFORMES, SERRANIDAE)  
MUS NAT HIST NATUR (PARIS) BULL SER 2  
40(3)474-484, 7 FIGS  
WITH ENGLISH SUMMARY
- 802670 INOUE, SATOSHI; ISHIGAKI, KENKICHI - 1968  
NOTES ON THE BIOLOGY OF JUVENILE MASU SALMON  
(ONCORHYNCHUS MASOU) DURING WINTER IN THE  
CHIHASE RIVER, HOKKAIDO  
JAP J LIMNOL  
29(2)27-36, 3 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802671 SOOD, M L - 1968  
SOME NEMATODE PARASITES FROM FRESH WATER FISHES  
OF INDIA  
INDIAN J HELMINTHOL  
20(2)83-110, 32 FIGS, 2 TABLES
- 802672 SAHAY, UMAPATI; NARAYAN, SAROJANI - 1968  
A NEW NEMATODE CAMALLANUS THAPARUS FROM CHANNA  
(OPHIOCEPHALUS) STRIATUS (BLOCH)  
INDIAN J HELMINTHOL  
20(2)118-124, 5 FIGS
- 802673 KAKAJI, VIJAY LAXMI - 1968  
STUDIES ON HELMINTH PARASITES OF INDIAN FISHES,  
PART I, TWO TREMATODE PARASITES OF FRESH WATER  
FISHES FROM UTTAR PRADESH  
INDIAN J HELMINTHOL  
20(2)136-144, 2 FIGS
- 802674 STEFFAN, AUGUST WILHELM - 1968  
DER BAIKAL-SEE UND DIE HERKUNFT SEINER TIERWELT  
NATUR MUS  
98(12)521-532, 15 FIGS
- 802675 JITARIU, MATHILDE; HEFCO, HELENE; MULLER,  
WALTER; BOISTEANU, I; DAVIDEANU, G - 1968  
LE ROLE DES SUBSTANCES CAROTENOIDES DANS LE  
DEVELOPPEMENT EMBRYONNAIRE DES SALMONIDES  
REV ROUM BIOL SER ZOOL  
13(1)117-124, 8 FIGS  
WITH ENGLISH SUMMARY
- 802676 WITTENBERGER, CAROL - 1968  
ALTERATIONS OF THE CARBOHYDRATE METABOLISM IN  
TROUT, INDUCED BY EFFORT AND HYPOXIA  
REV ROUM BIOL SER ZOOL  
13(2)131-137, 1 FIG, 2 TABLES
- 802677 HARRIS, J A - 1968  
THE YELLOW-EYE MULLET, AGE STRUCTURE, GROWTH  
RATE AND SPAWNING CYCLE OF A POPULATION OF  
YELLOW-EYE MULLET ALDRICHETTA FORSTERI (CUV AND  
VAL) FROM THE COORONG LAGOON, SOUTH AUSTRALIA  
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- 802678 BEN-TUVIA, A; DICKSON, W (EDITORS) - 1968  
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IN RELATION TO FISHING TECHNIQUES AND TACTICS  
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1(62)IV + 47P
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MALE PLATYFISH, XIPHOPHORUS MACULATUS  
PHYSIOL ZOOL  
41(4)466-475, 3 TABLES
- 802680 MONOD, THEODORE - 1968  
LE COMPLEXE UROPHORE DES POISSONS TELEOSTEENS  
MEM INST FOND AFRIQUE NOIRE  
(81)705P, 989 FIGS, 3 TABLES
- 802681 SVETINA, MIRAN - 1968  
DINAMIKA RASTI SULCA--HUCHO HUCHO (LINNAEUS,  
1758)  
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16:103-114, 3 FIGS, 1 TABLE  
IN SLOVENIAN WITH FRENCH SUMMARY
- 802682 GUARNIERI, PATRIZIO - 1968  
OSSERVAZIONI SOPRA IL TEGUMENTO E GLI ORGANI DI  
SENSO CUTANEI DI ACANTHOPSIS SP (TELEOSTEI,  
COBITIDAE)

- 802683 - 802708
- ARCH ZOOL ITAL  
53:33-41, 7 FIGS  
WITH ENGLISH SUMMARY
- 802683 GUARNIERI, PATRIZIO; CAVICCHIOLI, G - 1968  
ULTERIORI OSSERVAZIONI SOPRA LA STRUTTURA DEGLI  
ORGANI DI SENSO CUTANEI NEI COBITIDI ITALIANI  
ARCH ZOOL ITAL  
53:19-32, 9 FIGS  
WITH ENGLISH SUMMARY
- 802684 MAGAZZU, G; ZACCONE, G - 1968  
CATTURA DI UN ESEMPLARE DI LOPHOTES CEPEDIANUS  
GIORNA, PREZENZA DI UNA PROBABILE GHIANDOLA DEL  
NERO  
ARCH ZOOL ITAL  
53:203-206, 2 FIGS  
WITH ENGLISH SUMMARY
- 802685 GANDOLFI, GILBERTO - 1968  
REAZIONE DI PAURA NEL CIPRINIDE BRACHYDANIO  
RERIO, VARIAZIONE DELLA REATTIVITA INDOTTE  
SPERIMENTALMENTE  
ARCH ZOOL ITAL  
53:245-250, 1 FIG
- 802686 CARMIGNANI, MARIA PIA ALBANESE - 1968  
CICLO DI ATTIVITA SECRETORIA DEGLI ELEMENTI  
MAGNOCELLULARI DEL NUCLEO PREOTTICO E DEGLI  
ELEMENTI DEL NUCLEO PARAPOFISARIO NEL  
TELEOSTEO CORIS JULIS L  
ARCH ZOOL ITAL  
53:343-350, 1 FIG  
WITH ENGLISH SUMMARY
- 802687 JANKOWSKY, H -D - 1968  
VERSUCHE ZUR ADAPTATION DER FISCHE IM NORMALEN  
TEMPERATURBEREICH  
HELGOLAENDER WISS MEERESUNTERS  
18(3)317-362, 10 FIGS, 17 TABLES
- 802688 LINDQUIST, ARMIN - 1968  
ON FISH EGGS AND LARVAE IN THE SKAGERRAK  
SARSIA  
34:347-353, 3 FIGS, 1 TABLE
- 802689 LE ROUX, PIETER; STEYN, LOUIS - 1968  
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- 802691 MEFFERT, P - 1968  
ULTRASONIC RECORDER FOR LOCOMOTOR ACTIVITY  
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- 802692 CLEMMENS, HOWARD P; INSLEE, THEOPHILUS - 1968  
THE PRODUCTION OF UNISEXUAL BROODS BY TILAPIA  
MOSSAMBICA SEX-REVERSED WITH METHYL  
TESTOSTERONE  
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POECILIA RETICULATA  
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NORTHERN PIKE IN AQUARIA  
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HAND AND BY AIR DROP  
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- 802700 GOODWIN, WALTER F; VAUGHN, THOMAS L - 1968  
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- 802704 DELL, MICHAEL B - 1968  
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- 802706 FABER, DANIEL J - 1968  
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- 802707 OVIATT, CANDACE - 1968  
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802715	ABOUSSOUAN, A - 1968 OEUFs ET LARVES DE TELEOSTEENS DE L'OUEST AFRICAIN, VIII, LARVES DE BREGMACEROS MACCLELLANDI THOMPSON (BREGMACEROTIDAE) BULL INST FOND AFR NOIRE 30(4)1590-1602, 9 FIGS	802728	HOFF, JAMES G - 1968 OCCURRENCE OF LIPARIS ATLANTICUS IN AEQUIPECTEN IRRADIANS IN BUZZARDS BAY, MASSACHUSETTS TRANS AMER FISH SOC 97(3)278	
802716	JONES, WALTER B; VARNEDOE, WILLIAM W JR - 1968 CAVES OF MADISON COUNTY, ALABAMA GEOL SURV ALA CIRC (52)177P, 129 FIGS	802729	GEEN, G H; NORTHCOTE, T G - 1968 LATEX INJECTION AS A METHOD OF MARKING LARGE CATOSTOMIDS FOR LONG TERM STUDY TRANS AMER FISH SOC 97(3)281-282, 1 TABLE	
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	802736	MULLAN, JAMES W; APPEGATE, RICHARD L; RAINWATER, WILLIAM C - 1968 FOOD OF LOGPERCH (PERCINA CAPRODES), AND BROOK SILVERSIDE (LABIDESTHES SICULUS), IN A NEW AND OLD OZARK RESERVOIR TRANS AMER FISH SOC 97(3)300-305, 2 FIGS, 3 TABLES	802748	FRY, JAMES P; HANSON, WILLIS D - 1968 LAKE TANEYCOMO, A COLD-WATER RESERVOIR IN MISSOURI TRANS AMER FISH SOC 97(2)138-145, 3 FIGS, 4 TABLES
	802737	LAWSON, ROWENA M - 1968 THE TRANSITION OF GHANA'S FISHING FROM A PRIMITIVE TO A MECHANISED INDUSTRY TRANS HIST SOC GHANA 9-90-104	802749	DRYER, WILLIAM R; BEIL, JOSEPH - 1968 GROWTH CHANGES OF THE BLOATER (COREGONUS HOYI) OF THE APOSTLE ISLANDS REGION OF LAKE SUPERIOR TRANS AMER FISH SOC 97(2)146-158, 1 FIG, 16 TABLES
	802738	ROMAN, BENIGNO - 1968 CONSIDERACIONES SOBRE LA FILOGENIA DE LOS PECES MISC ZOO 2(3)155-171, 6 FIGS WITH ENGLISH SUMMARY	802750	NELSON, WILLIAM R - 1968 REPRODUCTION AND EARLY LIFE HISTORY OF SAUGER, STIZOSTEDION CANADENSE, IN LEWIS AND CLARK LAKE TRANS AMER FISH SOC 97(2)159-166, 3 FIGS, 6 TABLES
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	802740	MERRETT, N R - 1968 WEIGHT-LENGTH RELATIONSHIPS FOR CERTAIN SCOMBROID FISHES FROM THE EQUATORIAL WESTERN INDIAN OCEAN EAST AFR AGR FOREST J 34(2)165-169, 8 TABLES	802752	LARIMORE, R WELDON; DUEVER, MICHAEL J - 1968 EFFECTS OF TEMPERATURE ACCLIMATION ON THE SWIMMING ABILITY OF SMALLMOUTH BASS FRY TRANS AMER FISH SOC 97(2)175-184, 2 FIGS, 2 TABLES
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	802742	HALL, DARRELL D; MILLER, RUDOLPH J - 1968 A QUALITATIVE STUDY OF COURTSHIP AND REPRODUCTIVE BEHAVIOR IN THE PEARL GOURAMI, TRICHOGASTER LEERI (BLEEKER), BEHAVIOUR 32(1/3)70-84, 2 TABLES	802754	HUBBS, CLARK - 1968 AN OPINION ON THE EFFECTS OF CICHLID RELEASES IN NORTH AMERICA TRANS AMER FISH SOC 97(2)197-198
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	802744	SIMON, RAYMOND C; NOBLE, RICHARD E - 1968 HYBRIDIZATION IN ONCORHYNCHUS (SALMONIDAE), I, VIABILITY AND INHERITANCE IN ARTIFICIAL CROSSES OF CHUM AND PINK SALMON TRANS AMER FISH SOC 97(2)109-118, 4 FIGS, 6 TABLES	802756	ACARA, A H - 1968 A NORMAL, SYNCHRONOUS HERMAPHRODITE DOLLY VARDEN CHAR TRANS AMER FISH SOC 97(2)201-202, 1 FIG
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	802746	BENTLEY, WALLACE W; RAYMOND, HOWARD L - 1968 COLLECTION OF JUVENILE SALMONIDS FROM TURBINE INTAKE GATEWELLS OF MAJOR DAMS IN THE COLUMBIA	802758	GREGORY, RICHARD W - 1968 OCCURRENCE OF FRUCTOSE IN TROUT SEMINAL PLASMA TRANS AMER FISH SOC 97(2)203-204
			802759	PERLMUTTER, ALFRED; YU, MAN-LIM; SERVIS, ROBERT E - 1968 USE OF FISH EGGS FOR DIRECT ASSAY OF CHROMATOGRAPHICALLY SEPARATED COMPONENTS ON

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<b>802763</b>	DDVEL, WILLIAM L - 1968 <b>PREDATION BY STRIPED BASS AS A POSSIBLE INFLUENCE ON POPULATION SIZE OF THE ATLANTIC CROAKER</b> TRANS AMER FISH SOC 97(4)313-319, 3 FIGS, 2 TABLES	<b>802776</b>	HILL, LOREN G - 1968 <b>OXYGEN PREFERENCE IN THE SPRING CAVEFISH, CHOLOGASTER AGASSIZI</b> TRANS AMER FISH SOC 97(4)448-454, 6 FIGS, 1 TABLE	
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<b>802768</b>	BJORNN, T C; CRADDOCK, D R; CORLEY, D R - 1968 <b>MIGRATION AND SURVIVAL OF REDFISH LAKE, IDAHO, SOCKEYE SALMON, ONCORHYNCHUS NERKA</b> TRANS AMER FISH SOC 97(4)360-373, 8 FIGS, 7 TABLES	<b>802781</b>	RAHRER, JEROLD F - 1968 <b>MOVEMENTS OF ADULT LAKE TROUT IN LAKE SUPERIOR</b> TRANS AMER FISH SOC 97(4)481-484, 3 FIGS, 3 TABLES	
<b>802769</b>	WAGNER, HARRY H - 1968 <b>EFFECT OF STOCKING TIME ON SURVIVAL OF STEELHEAD TROUT, SALMO GAIRDNERII, IN OREGON</b> TRANS AMER FISH SOC 97(4)374-379, 1 FIG, 4 TABLES	<b>802782</b>	MANION, PARTICK J - 1968 <b>PRODUCTION OF SEA LAMPREY LARVAE FROM NESTS IN TWO LAKE SUPERIOR STREAMS</b> TRANS AMER FISH SOC 97(4)484-486, 1 FIG, 1 TABLE	
<b>802770</b>	MORRIS, LARRY A; LANGEMEIER, RALPH N; RUSSELL, THOMAS R; WITT, ARTHUR JR - 1968 <b>EFFECTS OF MAIN STEM IMPOUNDMENTS AND CHANNELIZATION UPON THE LIMNOLOGY OF THE MISSOURI RIVER, NEBRASKA</b> TRANS AMER FISH SOC 97(4)380-388, 1 FIG, 5 TABLES	<b>802783</b>	RADULESCU, I; VASILIU, D G; ILIE, E; SNIESZKO, S F - 1968 <b>THYROID HYPERPLASIA OF THE EASTERN BROOK TROUT, SALVELINUS FONTINALIS, IN ROMANIA</b> TRANS AMER FISH SOC 97(4)486-488, 2 FIGS	
<b>802771</b>	ELSER, ALLEN A - 1968 <b>FISH POPULATIONS OF A TROUT STREAM IN RELATION TO MAJOR HABITAT ZONES AND CHANNEL ALTERATIONS</b> TRANS AMER FISH SOC 97(4)389-397, 4 FIGS, 7 TABLES	<b>802784</b>	KITCHELL, JAMES F; WINDELL, J T - 1968 <b>RATE OF GASTRIC DIGESTION IN PUMPKINSEED SUNFISH, LEPOMIS GIBBOSUS</b> TRANS AMER FISH SOC 97(4)489-492, 1 FIG, 2 TABLES	
		<b>802785</b>	LEWIS, WILLIAM M; HEIDINGER, ROY; KONIKOFF, MARK - 1968	



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- 802786** SHELDON, ANDREW L - 1968  
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- 802798** MAKSIMOV, V P - 1968  
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- 802799** RAGIMOV, D B - 1968  
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IZV AKAD NAUK AZERB SSR SER BIOL NAUK  
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- 802788** BURKE, W DAVID; FERGUSON, DENZEL E - 1968  
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- 802800** GRISHCHENKO, V A - 1968  
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- 802801** GERULAITIS, A - 1968  
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- 802790** HARRIS, ALVA H; ROSE, CURT D - 1968  
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- 802802** ORLOVA, A; VIRBICKAS, J - 1968  
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- 802791** DAWSON, C E - 1968  
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- 802803** GAIGALAS, K - 1968  
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1(45)115-130, 14 FIGS, 6 TABLES  
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- 802792** MUNK, OLE - 1968  
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- 802804** VLADIMIROV, M Z - 1968  
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- 802806** NAEVE, HEINER - 1968  
**BEITRÄGE ZUR FRAGE DES SEHFELDES UND DER REFRAKTIONSVERHÄLTNISSE BEI FISCHHAUGEN**  
KIELER MEERESFORSCH  
24(1)51-54, 4 FIGS  
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- 802795** ALEXANDROVA, E N; KUZNETSOV, V V - 1968  
**ON THE INTRASPECIFIC FORMS OF THE COREGNUS MUKSUN (PALLAS) SMITT IN THE LENA**  
VESTN MOSK UNIV SER VI BIOL POCHVOVED  
(1)28-37, 2 FIGS, 7 TABLES  
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- 802807** GRAF, JAKOB - 1968  
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- 802796** MILMAN, I S; IUROVITSKII, IU G - 1968  
**THE CONTROL OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE BY FRUCTOSE DIPHOSPHATE AND ADENOSINE TRIPHOSPHATE IN LOACH EMBRYOS**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
179(1/2/3)472-475, 3 FIGS, 1 TABLE  
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- 802808** BERDYSHEV, G D; RASSKAZOV, V A; ANISIMOV, M M - 1968  
**ON THE SPECIFICITY OF DESOXYRIBONUCLEASE FROM PLACE LIVER**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
183(4/5/6)966-969, 3 FIGS, 1 TABLE  
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- 802797** BARANNIKOVA, I A - 1968  
**FUNCTIONAL BASIS OF FISH MIGRATION**
- 802809** SKOBLINA, M N - 1968  
**RIPENING OF THE CORTEX OF ANUCLEAR OOCYTES IN FROG AND STURGEON, PROCEEDING UNDER THE INFLUENCE OF GONADOTROPHIC HYPOPHYSAL HORMONES**

	DOKL AKAD NAUK SSSR BIOL SCI SECT 183(4/5/6)982-984 IN RUSSIAN	802820	CHERNENKO, E V - 1968 CARIOTYPES OF THE RESIDUAL AND ANADROMOUS SOCKEYE (ONCORHYNCHUS NERKA (WALB) FROM LAKE DALJNEE OF THE KAMCHATKA VOP IKHTIOL 8(5)834-846, 3 FIGS, 5 TABLES IN RUSSIAN	802810 - 802831
802810	MOISEEVA, E B - 1968 CERTAIN DATA ON THE DISTRIBUTION OF GOMORIPPOSITIVE NEUROSECRETIN IN THE HYPOTHALAMOHYPOPHYSARY SYSTEM OF GOBIUS MELANOSTOMUS PALLAS DOKL AKAD NAUK SSSR BIOL SCI SECT 183(4/5/6)1468-1471, 5 FIGS IN RUSSIAN	802821	SCHERBUCHA, A Y - 1968 ON THE MORPHOLOGY AND BIOLOGY OF PIKEPERCH (LUCIOPERCA LUCIOPERCA L) FROM THE LOWER SOUTHERN BUG VOP IKHTIOL 8(5)847-857, 5 FIGS, 9 TABLES IN RUSSIAN	
802811	GIBAVICIENE, D - 1968 MORPHOLOGICAL AND ECOLOGICAL FEATURES OF THE PIKE-PERCH REPRODUCTION SYSTEMS IN THE LITHUANIAN INNER WATERS, (1.PIKE-PERCH OVOGENESIS AND ANNUAL SEXUAL CYCLE IN THE LAGOON OF KURSIU MARIOS) TR AKAD NAUK LITOV SSR SER C 3(47)89-103, 6 FIGS, 6 TABLES IN RUSSIAN WITH ENGLISH SUMMARY	802822	HASHEN, M T - 1968 THE STATE OF POPULATION OF ABRAMIS BALLERUS (L) IN THE MOLOZHSKY BRANCH OF THE RYBINSK RESERVOIR VOP IKHTIOL 8(5)858-868, 7 FIGS, 7 TABLES IN RUSSIAN	
802812	MEINEL, WERNER - 1968 UBER DIE ABLEITUNG DER SUSPENSIONSMODI DES ERSTEN UND ZWEITEN SPLANCHNISCHEN BOGENS AM NEUROCRANIUM DER FISCHE BER OBERHESS GES NATUR HEILK GIESSEN NATURWISS ABT NS 36:59-79, 2 FIGS WITH ENGLISH SUMMARY	802823	BOGDANOV, G A - 1968 ON THE GENERATION ABUNDANCE FACTORS IN SOME SARDINES VOP IKHTIOL 8(5)869-880, 5 FIGS, 3 TABLES IN RUSSIAN	
802813	GIMMELREIKH, G A - 1968 EFFECT OF NUTRITION FUNCTION ON THE CEPHALIC INTESTINE FORMATION IN VERTEBRATES, I, PRIMARY WATER VERTEBRATES VESTN ZOOL (2)3-15 IN RUSSIAN WITH ENGLISH SUMMARY	802824	MENSHUTKIN, V V; ZHAKOV, L A; UMNOV, A A - 1968 A STUDY OF MORTALITY CAUSES IN YOUNG PERCH BY MEDELLING VOP IKHTIOL 8(5)881-891, 5 FIGS, 2 TABLES IN RUSSIAN	
802814	KUROVSKY, E A - 1968 MORPHOLOGICAL DIFFERENCES BETWEEN THE CRANIAL BONES OF CARASSIUS CARASSIUS L AND C.AURATUS GIBELIO BLOCH VESTN ZOOL (2)76-79, 18 FIGS, 1 TABLE IN RUSSIAN WITH ENGLISH SUMMARY	802825	BELY, K D - 1968 BEHAVIOUR AND DISPERSION OF THE EMBRYOS OF PIKE-PERCH (LUCIOPERCA LUCIOPERCA L) HATCHED UNDER DEEP WATER CONDITIONS VOP IKHTIOL 8(5)892-899, 4 TABLES IN RUSSIAN	
802815	PARUKHIN, A M - 1968 NEW TREMATODA REPRESENTATIVES OF THE FAMILY ACANTHOCOLPIDAE LUHE, 1909 IN THE FOOD-FISH OF THE SOUTH ATLANTIC VESTN ZOOL (2)79-82, 2 FIGS IN RUSSIAN WITH ENGLISH SUMMARY	802826	SAVCHUK, M J - 1968 THE LOCATION OF FEEDING AREAS OF MULLET FRY IN THE COASTAL ZONE OF THE WESTERN BLACK SEA VOP IKHTIOL 8(5)900-910, 6 FIGS IN RUSSIAN	
802816	BEKKER, V E; BORODULINA, O D - 1968 LUMINOUS ANCHOVY OF THE GENUS CERATOSCOPELUS DUTH, TAXONOMY AND DISTRIBUTION VOP IKHTIOL 8(5)779-798, 5 FIGS, 4 TABLES IN RUSSIAN	802827	ALTUKHOV, K A; BENJKO, K I; BULATOVICH, M A 1968 ON THE ACCLIMATIZATION OF RAINBOW TROUT AND PELED IN THE CARP PONDS OF THE WESTERN DISTRICTS OF THE UKRAINIAN REPUBLIC VOP IKHTIOL 8(5)911-918, 2 FIGS, 3 TABLES IN RUSSIAN	
802817	LIMANSKY, V V; GUBANKOV, E P - 1968 MORPHOLOGICAL ANALYSIS OF DIFFERENT GROUPS OF THE AZOV-BLACK SEA AND ATLANTIC ANCHOVY (ENGRAULIS ENCRASICHOLUS L) VOP IKHTIOL 8(5)799-806, 5 TABLES IN RUSSIAN	802828	REDKOZUBOV, J N - 1968 SOME ASPECTS OF THE BIOLOGY OF THE BAIKAL OMUL REVEALED BY THE SCALES VOP IKHTIOL 8(5)919-930, 1 FIG, 7 TABLES IN RUSSIAN	
802818	SAGITOV, N I - 1968 SOME PROBLEMS OF THE MORPHOLOGY OF PSEUDOSCAPHIRHYNCHUS KAUFMANNI (BOGD) FROM THE AMU-DARJA VOP IKHTIOL 8(5)807-816, 4 FIGS, 3 TABLES IN RUSSIAN	802829	SHABALINA, A A - 1968 THE EFFECT OF COBALTOUS CHLORIDE ON THE PHYSIOLOGICAL FACTORS OF RAINBOW TROUT (SALMO IRIDEUS GIBBONS) VOP IKHTIOL 8(5)831-938, 5 TABLES IN RUSSIAN	
802819	VIEN, LE MINJ - 1968 COMMERCIAL ICHTHYOFAUNA OF THE TONKIN BAY VOP IKHTIOL 8(5)817-833, 1 TABLE IN RUSSIAN	802830	SMIRNOVA, L I - 1968 ON THE PHYSIOLOGY OF GRANULAR LEUCOCYTES OF FISH BLOOD VOP IKHTIOL 8(5)939-948, 2 FIGS, 5 TABLES IN RUSSIAN	
		802831	VON WAHLERT, GERD - 1968	

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- 802832** MOSEVICH, T N - 1968  
THE FINE STRUCTURE OF THE MACRONUCLEUS IN  
ICHTHYOPHTHIRIUS MULTIFILIIS AT DIFFERENT  
STAGES OF THE LIFE CYCLE  
PROTISTOLOGICA  
4(4)469-476, 9 FIGS
- 802833** BURROWS, ROGER E; COMBS, BOBBY D - 1968  
CONTROLLED ENVIRONMENTS FOR SALMON PROPAGATION  
PROGR FISH-CULT  
30(3)123-136, 5 FIGS
- 802834** CAIRNS, JOHN JR; PATRICK, RUTH; SCHEIER, ARTHUR  
1968  
THE RELATIVE SENSITIVITY OF DIATOMS, SNAILS,  
AND FISH TO TWENTY COMMON CONSTITUENTS OF  
INDUSTRIAL WASTES  
PROGR FISH-CULT  
30(3)137-140, 3 TABLES
- 802835** FRASER, J M - 1968  
EFFECT OF AIR PLANTING ON DOMESTIC BROOK TROUT  
PROGR FISH-CULT  
30(3)141-143, 1 TABLE
- 802836** SNOW, J R - 1968  
PRODUCTION OF SIX- TO EIGHT-INCH LARGEMOUTH  
BASS FOR SPECIAL PURPOSES  
PROGR FISH-CULT  
30(3)144-152, 1 FIG, 3 TABLES
- 802837** GRAFF, DELANO R - 1968  
THE SUCCESSFUL FEEDING OF A DRY DIET TO ESOCIDS  
PROGR FISH-CULT  
30(3)152
- 802838** MARTIN, RICHARD L - 1968  
COMPARISON OF EFFECTS OF CONCENTRATIONS OF  
MALACHITE GREEN AND ACRIFLAVINE ON FUNGI  
ASSOCIATED WITH DISEASED FISH  
PROGR FISH-CULT  
30(3)153-158, 2 TABLES
- 802839** CARTER, NEIL E - 1968  
FLOAT UNIT DESIGN FOR SUSPENDING VERTICAL GILL  
NETS  
PROGR FISH-CULT  
30(3)158, 1 FIG
- 802840** KELLEY, JOHN W - 1968  
EFFECTS OF INCUBATION TEMPERATURE ON SURVIVAL  
OF LARGEMOUTH BASS EGGS  
PROGR FISH-CULT  
30(3)159-163, 1 TABLE
- 802841** HUNN, JOSEPH B; SCHOETTGER, RICHARD A;  
WHEALDON, EVERETT W - 1968  
OBSERVATIONS ON THE HANDLING AND MAINTENANCE OF  
BIOASSAY FISH  
PROGR FISH-CULT  
30(3)164-167, 2 TABLES
- 802842** AMEND, DONALD F; FRYER, JOHN L - 1968  
THE ADMINISTRATION OF SULFONAMIDE DRUGS TO  
ADULT SALMON  
PROGR FISH-CULT  
30(3)168-172, 1 FIG, 2 TABLES
- 802843** WILLOUGHBY, HARVEY - 1968  
A METHOD FOR CALCULATING CARRYING CAPACITIES OF  
HATCHERY TROUGHS AND PONDS  
PROGR FISH-CULT  
30(3)173-174
- 802844** LOCKARD, DALE V - 1968  
AN OPERCULAR STREAMER TAG
- 802845** GASAWAY, CHARLES R; LAMBOU, VICTOR W - 1968  
A SIMPLE SURFACE-MIDWATER TRAWL  
PROGR FISH-CULT  
30(3)175-177, 2 FIGS, 1 TABLE
- 802846** SMITH, WILLIAM B - 1968  
ROANOKE BASS, AMBLOPLITES CAVIFRONS COPE  
PROGR FISH-CULT  
30(3)180
- 802847** NEATE, HARRY - 1968  
GEAR MODIFICATIONS FOR THE ELECTROFISHING OF  
UNDERYEARLING COHO SALMON  
PROGR FISH-CULT  
30(3)181-182, 1 FIG
- 802848** DAHL, FREDERICK H - 1968  
A SURFACE TOW NET FOR COLLECTION OF  
PARASITIC-PHASE SEA LAMPREYS  
PROGR FISH-CULT  
30(3)183-184, 2 FIGS
- 802849** ANDERSON, RICHARD O - 1968  
TRANSPORT OF GIZZARD SHAD  
PROGR FISH-CULT  
30(3)184
- 802850** DEYOE, C W; TIEMEIER, O W; SUPPES, C - 1968  
EFFECTS OF PROTEIN, AMINO ACIDS LEVELS, AND  
FEEDING METHODS ON GROWTH OF FINGERLING CHANNEL  
CATFISH  
PROGR FISH-CULT  
30(4)187-195, 11 TABLES
- 802851** OLSON, DONALD E - 1968  
SEX RATIOS OF YOUNG-OF-YEAR WALLEYES IN  
MINNESOTA REARING PONDS AND LAKES  
PROGR FISH-CULT  
30(4)196-202, 1 FIG, 1 TABLE
- 802852** RACHLIN, JOSEPH WOLFE; PERLMUTTER, ALFRED  
1968  
RESPONSE OF AN INBRED STRAIN OF PLATYFISH AND  
THE FATHEAD MINNOW TO ZINC  
PROGR FISH-CULT  
30(4)203-207
- 802853** HEATON, LEROY H; POST, GEORGE - 1968  
TISSUE RESIDUE AND ORAL SAFETY OF FURAZOLIDONE  
IN FOUR SPECIES OF TROUT  
PROGR FISH-CULT  
30(4)208-215, 1 FIG, 4 TABLES
- 802854** FOYE, ROBERT E - 1968  
THE EFFECTS OF A LOW-DOSAGE APPLICATION OF  
ANTIMYCIN A ON SEVERAL SPECIES OF FISH IN  
CRATER POND, AROOSTOOK COUNTY, MAINE  
PROGR FISH-CULT  
30(4)216-219
- 802855** STEUCKE, ERWIN W JR; ALLISON, LEONARD H;  
PIPER, ROBERT G; ROBERTSON, RUSSELL; BOWEN, J T  
1968  
EFFECTS OF LIGHT AND DIET ON THE INCIDENCE OF  
CATARACT IN HATCHERY-REARED LAKE TROUT  
PROGR FISH-CULT  
30(4)220-226, 1 FIG, 6 TABLES
- 802856** JOCHIMSEN, WERNER; BEDELL, GERALD - 1968  
MALFORMED YOLK SACS OBSERVED IN CHINOOK SALMON  
FRY DURING TESTS OF BARREL-TYPE INCUBATORS  
PROGR FISH-CULT  
30(4)227-229, 3 FIGS
- 802857** MARNELL, LEO; HUNSAKER, DON, II - 1968  
CONFINEMENT OF EXPERIMENTAL FISH  
PROGR FISH-CULT  
30(4)229, 1 FIG



802858	JORDAN, FRED P; SMITH, HOWARD D - 1968 AN ALUMINUM STAPLE TAG FOR POPULATION ESTIMATES OF SALMON SMOLTS PROGR FISH-CULT 30(4)230-234, 2 FIGS, 2 TABLES	802871	DUFFY, JOHN M - 1968 JACK MACKEREL YIELD PER AREA FROM CALIFORNIA WATERS, 1955-56 THROUGH 1963-64 CALIF FISH GAME 54(3)195-202, 4 FIGS, 1 TABLE	802858 - 802844
802859	BENOIT, DUANE - 1968 NUTRITION STUDY FOR MAINTAINING YELLOW PERCH FINGERLINGS IN THE LABORATORY PROGR FISH-CULT 30(4)234, 1 FIG	802872	ALLEN, GEORGE H - 1968 FECUNDITY OF THE BROWN RAGFISH, ICOSTEUS AENIGMATICUS LOCKINGTON, FROM NORTHERN CALIFORNIA CALIF FISH GAME 54(3)207-214, 2 FIGS, 5 TABLES	
802860	SNOW, J R - 1968 THE OREGON MOIST PELLET AS A DIET FOR LARGEMOUTH BASS PROGR FISH-CULT 30(4)235	802873	RUSSO, RONALD A; HERALD, EARL S - 1968 THE 1967 SHARK KILL IN SAN FRANCISCO BAY CALIF FISH GAME 54(3)215-216	
802861	HENNICK, DANIEL P; EDFELT, LARRY B; EATON, MARTIN F - 1968 USE OF A LACUSTRINE ENVIRONMENT BY PINK AND CHUM SALMON PROGR FISH-CULT 30(4)236-238, 3 FIGS	802874	HOSIE, MICHAEL J; BOND, CARL E - 1968 NORTHERN RANGE EXTENSION FOR THE KELP BASS, PARALABRAX CLATHRATUS (GIRARD) CALIF FISH GAME 54(3)216-217	
802862	GRINSTEAD, BOBBY G - 1968 SLED-TYPE TRIAL BOARDS FOR LOCATING POTENTIAL TRAWLING SITES PROGR FISH-CULT 30(4)238-239, 2 FIGS	802875	CHADWICK, HAROLD K - 1968 MORTALITY RATES IN THE CALIFORNIA STRIPED BASS POPULATION CALIF FISH GAME 54(4)228-246, 1 FIG, 11 TABLES	
802863	BINI, GIORGIO - 1968 UN PESCE PERCIFORME RARO PER I MARI ITALIANI (LOBOTES SURINAMENSIS (BLOCH) 1790) ATTI SOC PELORITANA SCI FIS MAT NATUR 14(1/2)49-53, 1 FIG WITH ENGLISH SUMMARY	802876	EDWARDS, STEPHEN R; NAHHAS, FUAD M - 1968 SOME ENDOPARASITES OF FISHES FROM THE SACRAMENTO-SAN JOAQUIN DELTA, CALIFORNIA CALIF FISH GAME 54(4)247-256, 1 FIG	
802864	CORDONE, ALMO J; FRANTZ, TED C - 1968 AN EVALUATION OF TROUT PLANTING IN LAKE TAHOE CALIF FISH GAME 54(2)68-89, 3 FIGS, 5 TABLES	802877	LEE, RICHARD S - 1968 PRIONOTUS XENISMA JORDAN AND BOLLMAN, A SEAROBIN NEW TO CALIFORNIA CALIF FISH GAME 54(4)278-280, 1 FIG, 1 TABLE	
802865	SCHAFER, WILLIAM E - 1968 STUDIES ON THE EPIZOOTIOLOGY OF THE MYXOSPORIDAN CERATOMYXA SHASTA NOBLE CALIF FISH GAME 54(2)90-99, 2 FIGS	802878	MACGREGOR, JOHN S - 1968 FECUNDITY OF THE NORTHERN ANCHOVY, ENGRAULIS MORDAX GIRARD CALIF FISH GAME 54(4)281-288, 1 TABLE	
802866	GREENFIELD, DAVID W - 1968 OBSERVATIONS ON THE BEHAVIOR OF THE BASKETWEAVE CUSK-EEL OTOPIIDIUM SCRIPPSI HUBBS CALIF FISH GAME 54(2)108-114, 3 FIGS	802879	DUFFY, JOHN M - 1968 DEFORMED LATERAL LINE IN A JACK MACKEREL, TRACHURUS SYMMETRICUS (AYRES) CALIF FISH GAME 54(4)306, 1 FIG	
802867	CONGLETON, JAMES L - 1968 VARIATION IN THE PINK SEAPERCH, ZALEMBIUS ROSACEUS (JORDAN AND GILBERT), AND EXTENSION OF ITS KNOWN RANGE TO THE GULF OF CALIFORNIA CALIF FISH GAME 54(2)115-119, 1 FIG, 1 TABLE	802880	MILLER, LEE W; MCKECHNIE, ROBERT J - 1968 OBSERVATION OF STRIPED BASS SPAWNING IN THE SACRAMENTO RIVER CALIF FISH GAME 54(4)306-307	
802868	ORSI, JAMES J - 1968 THE EMBRYOLOGY OF THE ENGLISH SOLE, PAROPHRYS VETULUS CALIF FISH GAME 54(3)133-155, 3 FIGS	802881	MALONEY, J E; DOBIE, JOHN; MOYLE, JOHN B - 1968 CHARACTERISTICS OF FOUR MARL LAKES AS RELATED TO BIOLOGICAL PRODUCTIVITY J MINN ACAD SCI 35(2/3)74-78, 1 FIG, 4 TABLES	
802869	ENGLEN, PAUL C - 1968 ORGANOGENESIS IN THE WALLEYE SURFPERCH, HYPERPROSOPON ARGENTEUM (GIBBONS) CALIF FISH GAME 54(3)156-169, 3 FIGS	802882	PHILLIPS, GARY L; ETNIER, DAVID A - 1968 A NEW HYBRID MINNOW J MINN ACAD SCI 35(2/3)96-97, 1 TABLE	
802870	MILLER, ROBERT RUSH - 1968 RECORDS OF SOME NATIVE FRESHWATER FISHES TRANSPLANTED INTO VARIOUS WATERS OF CALIFORNIA, BAJA CALIFORNIA, AND NEVADA CALIF FISH GAME 54(3)170-179, 1 TABLE	802883	BOESEMAN, M - 1968 THE GENUS HYPOSTOMUS LACEPEDE, 1803, AND ITS SURINAM REPRESENTATIVES (SILURIFORMES, LORICARIIDAE) ZOOLOG VERH (99)89P, 85 FIGS, 20 TABLES	
		802884	MINCKLEY, C O; MINCKLEY, W L - 1968 FISHES OF DEEP CREEK, RILEY COUNTY, KANSAS RECORDING ESTABLISHMENT OF SPOTTED BASS	

- 802885 - 802907 (MICROPTERUS PUNCTULATUS)  
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71(1)87-89
- 802885 NISHIYAMA, TSUNEO; FUJII, TAKEJI; YAMADA, JUNJI; OKADA, SHUN - 1968  
MEAN FORK LENGTH AND NUMBER OF SCALE CIRCULI OF CHUM SALMON GROUPS IN THE GULF OF ANADYR AND ADJACENT HIGH SEAS IN LATE JULY 1966  
BULL FAC FISH HOKKAIDO UNIV  
19(2)63-75, 11 TABLES
- 802886 TAKANO, KAZUNORI - 1968  
FINE STRUCTURE OF THE WALL OF THE OVARIAN LUMEN IN THE TELEOST, ORYZIAS LATIPES  
BULL FAC FISH HOKKAIDO UNIV  
19(2)76-82, 12 FIGS
- 802887 NASHIMOTO, KATSUAKI; KUROKI, TOSHIRO - 1968  
ESTIMATION OF TUNNY-SHOALS DIMENSIONS BY THE APPLICATION OF A SPACE-SERIES ANALYZING METHOD FOR LONG-LINE FISHING  
BULL FAC FISH HOKKAIDO UNIV  
19(2)109-122, 25 FIGS, 2 TABLES  
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- 802888 NASHIMOTO, KATSUAKI - 1968  
FUNDAMENTAL STUDIES ON THE PHENOMENA OF STICKS IN GILL-NETTING (V): THE FRICTION FORCE ON STICKING IN MESH  
BULL FAC FISH HOKKAIDO UNIV  
19(2)123-131, 8 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802889 IMURA, KOJI; SAITO, TSUNEYUKI - 1968  
NUCLEIC ACID CONTENTS IN VARIOUS TISSUES OF SOME FISHES  
BULL FAC FISH HOKKAIDO UNIV  
19(2)132-139, 1 FIG, 10 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802890 USHIYAMA, HIROSHI - 1968  
STUDIES ON THE PROTEOLYTIC ENZYMES OF THE SALMON PYLORIC CAECA. II. PURIFICATION AND SOME PROPERTIES OF TRYPSIN-LIKE ENZYMES  
BULL FAC FISH HOKKAIDO UNIV  
19(2)147-155, 7 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802891 HIROI, OSAMU; YAMAMOTO, K - 1968  
STUDIES ON THE MATURATION OF SALMONID FISHES-I. CHANGES IN THE TESTIS OF THE CHUM SALMON, ONCORHYNCHUS KETA, DURING ANADROMOUS MIGRATION  
BULL FAC FISH HOKKAIDO UNIV  
19(3)173-185, 21 FIGS, 3 TABLES
- 802892 HAMADA, KEIKICHI - 1968  
DEVELOPMENT OF A GOBY, CHAENOGOBUS UROTAENIA, WITH SPECIAL REFERENCE TO THE GILL AND THE CHLORIDE CELL  
BULL FAC FISH HOKKAIDO UNIV  
19(3)185-198, 65 FIGS
- 802893 OHMI, HIKOEI; TAMURA, TADASHI; FUJII, AKIRA; NAKAO, SHIGERU - 1968  
CONSIDERATIONS ON ENVIRONMENTAL FACTORS UPON FISHERIES PRODUCTIVITY  
BULL FAC FISH HOKKAIDO UNIV  
19(3)209-217, 1 FIG, 13 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802894 KAJIHARA, MASAHIRO; INOUE, NAOICHI; SHINGGII, SUSUMUJO - 1968  
STUDIES ON THE VISUAL RANGE OF NET TWINES IN WATER-II  
BULL FAC FISH HOKKAIDO UNIV  
19(3)218-228, 8 FIGS, 2 TABLES
- 802895 UNNITHAN, R VISWANATHAN - 1968  
ON SIX SPECIES OF MONOGENETIC TREMATODES, PARASITIC ON THE GILLS OF MARINE FISHES FROM THE INDIAN SEAS  
TREUBIA  
27(2/3)141-164, 47 FIGS
- 802896 JAYARAM, K C - 1968  
CONTRIBUTIONS TO THE STUDY OF BAGRID FISHES (SILUROIDEA, BAGRIDAE), 3. A SYSTEMATIC ACCOUNT OF THE JAPANESE, CHINESE, MALAYAN AND INDONESIAN GENERA  
TREUBIA  
27(2/3)287-386, 14 FIGS, 15 TABLES
- 802897 SMITH, MRS J L B - 1968  
THE COLLECTION AND PRESERVATION OF FISHES  
SAMAB  
9(6)202-206
- 802898 TANIGUCHI, TAKEO; MINAMI, SHIRO; HIROSE, MAKOTO - 1968  
SHOOTING AND HAULING OPERATION WITH A 100-FOOT TRAWL ON A UNIGAN STERN TRAWLER  
J SHIMONOSEKI UNIV FISH  
17(1)1-8, 5 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802899 MATSUI, ISAO; TAKAI, TORU; KATAOKA, AKIYOSHI - 1968  
ANGUILLID LEPTOCEPHALUS FOUND IN THE JAPAN CURRENT AND ITS ADJACENT WATERS  
J SHIMONOSEKI UNIV FISH  
17(1)17-23, 3 FIGS, 2 TABLES
- 802900 UCHIDA, KAZUYOSHI; KATAOKA, AKIYOSHI; TAKAI, TORU - 1968  
ON THE CONGRID LEPTOCEPHALI IN ISE BAY  
J SHIMONOSEKI UNIV FISH  
17(1)25-34, 3 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802901 JUBB, R A - 1968  
THE BARBUS AND VARICORHINUS SPECIES (PISCES, CYPRINIDAE) OF TRANSVAAL  
ANN TRANSVAAL MUS  
26(4)79-97, 10 FIGS, 1 TABLE
- 802902 CHRISTIE, W J - 1968  
POSSIBLE INFLUENCES OF FISHING IN THE DECLINE OF GREAT LAKES FISH STOCKS  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
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- 802903 MORSELL, JOHN W; NORDEN, CARROLL R - 1968  
FOOD HABITS OF THE ALEWIFE, ALOSA PSEUDOHARENGUS (WILSON), IN LAKE MICHIGAN  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
96-102, 1 FIG, 4 TABLES
- 802904 NORDEN, CARROLL R - 1968  
MORPHOLOGY AND FOOD HABITS OF THE LARVAL ALEWIFE, ALOSA PSEUDOHARENGUS (WILSON), IN LAKE MICHIGAN  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
103-110, 3 FIGS, 3 TABLES
- 802905 POWERS, CHARLES F; ROBERTSON, ANDREW - 1968  
BIOLOGICAL EXPLORATION IN LAKE MICHIGAN FROM A RESEARCH SUBMARINE  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
117-123, 1 FIG, 1 TABLE
- 802906 REGIER, HENRY A - 1968  
CONCEPTS OF SPECIES SEGREGATION AND DESEGREGATION RELATED TO GREAT LAKES FISHERY MANAGEMENT  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
124-129
- 802907 NAROSKA, VOLKER - 1968  
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KIELER MEERESFORSCH  
24(2)95-123, 19 FIGS, 6 TABLES

- WITH ENGLISH SUMMARY
- 802908 MULLER, ALAJOS - 1968  
DIE NAHRUNG JUNGER PLATTFISCHE IN NORD- UND OSTSEE  
KIELER MEERESFORSCH  
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WITH ENGLISH SUMMARY
- 802909 NAEVE, HEINER - 1968  
NARKOSE UND TOTUNGSVERFAHREN BEI EXPERIMENTELLEN OPERATIONEN AN FISCHEN  
KIELER MEERESFORSCH  
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WITH ENGLISH SUMMARY
- 802910 SIEGMUND, RENATE - 1968  
LOKOMOTORISCHE AKTIVITAT UND RUHEVERHALTEN BEI EINHEIMISCHEN SUSSWASSERFISCHEN (PISCES, PERCIDAE, CYPRINIDAE)  
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87(5)648
- 802911 NAVEED, SHAN AHMAD - 1968  
INTRODUCTION OF TROUT IN CHITRAL PAKISTAN J SCI  
20(1/2)34-41, 6 FIGS
- 802912 CALLEGARINI, CARLO; CUOCCHI, CARLO - 1968  
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ANN UNIV FERRARA SEZ 13 ANAT FISIOLOG COMP  
2(4)31-35, 1 FIG, 1 TABLE  
WITH ENGLISH SUMMARY
- 802913 ANDREWS, A P - 1968  
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102(2)63-64, 1 FIG
- 802914 LIBOSVARSKY, JIRI - 1968  
SOME CONSIDERATION OF THE TROUT-ANGLER RELATIONSHIP  
ZOOLOG LISTY  
17(4)351-362, 6 FIGS, 3 TABLES
- 802915 LUSK, STANISLAV - 1968  
EGG AND MILT PRODUCTION IN THE BROWN TROUT (SALMO TRUTTA MORPHA FARIO L) IN THE LOUCKA CREEK  
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17(4)363-378, 6 FIGS, 6 TABLES
- 802916 TUSA, IVAN - 1968  
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17(4)379-395, 3 TABLES
- 802917 STEHLIK, JOSEF - 1968  
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17(2)175-184, 8 TABLES  
WITH ENGLISH SUMMARY
- 802918 HOLDEN, M J - 1968  
THE RATIONAL EXPLOITATION OF THE SCOTTISH-NORWEGIAN STOCKS OF SPURDOGS (SQUALUS ACANTHIAS L)  
FISH INVEST MIN AGR FISH FOOD (GR BRIT) SER II  
SALMON FRESHWATER FISH  
25(8)28P, 4 FIGS, 18 TABLES
- 802919 SATO, RYUHEI; KASHIWAGI, MASAOKI - 1968  
SALT WATER AND FRESH WATER POND REARING OF THE CHUM SALMON, ONCORHYNCHUS KETA (WALBAUM)  
TOHOKU J AGR RES  
19(2)127-135, 7 FIGS, 1 TABLE
- 802920 DAWSON, C E - 1968  
TWO NEW WORMFISHES (GOBIOIDEA, MICRODESMIDAE) FROM THE INDIAN OCEAN  
PROC BIOL SOC WASH  
81:53-68, 5 FIGS, 2 TABLES
- 802921 REINSCH, HANS HEINRICH - 1968  
DER EINTRITT DER GESCHLECHTSREIFE BEIM KOHLER POLLACHIUS VIRENS  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)259-269, 3 FIGS, 7 TABLES
- 802922 WESTERNHAGEN, HEIN V - 1968  
VERSUCHE ZUR ERBRUTUNG DER EIER DES SCHELLFISCHES (MELANOGRAMMUS AEGLEFINUS L) UNTER KOMBINIERTEN SALZGEHALTS- UND TEMPERATURBEDINGUNGEN  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)270-287, 17 FIGS  
WITH ENGLISH SUMMARY
- 802923 WHITE, RAY J - 1968  
IMPORTANCE OF APPENDICULARIANS AS FOOD OF LARVAL PLAICE (PLEURONECTES PLATESSA L) OFF HELGOLAND  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)288-291, 2 TABLES
- 802924 REINSCH, HANS HEINRICH - 1968  
UNTERSCHIEDE IN DEN JAHRESRINGEN ZWISCHEN RECHTEN UND LINKEN OTOLITHEN EINIGER KOHLER POLLACHIUS VIRENS (L)  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)291-294, 4 FIGS, 2 TABLES  
WITH ENGLISH SUMMARY
- 802925 MURTY, A S; RAO, K HANUMANATHA - 1968  
ON A NEW HOST RECORD FOR THE FISH TREMATODE TRANSVERSOTREMA PATIALENSIS (SOPARKAR, 1924)  
CURR SCI  
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S AFR J SCI  
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- 802927 AOKI, NAOAKI - 1968  
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- 802928 THOMAS, E I - 1968  
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34(12)494, 1 FIG
- 802929 LUSH, I E; COWEY, C B - 1968  
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BIOL ZENTRALBL  
87(2)163-172, 1 FIG, 2 TABLES  
WITH ENGLISH SUMMARY
- 802931 CRANE, JOHN W; MIZELLE, JOHN D - 1968  
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J PARASITOL  
54(1)49-50, 1 FIG
- 802932 HSU, KATHLEEN C - 1968



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54(1)128
- 802933** HOGNESTAD, PER T - 1968  
**CENTROLOPHUS NIGER GMEIN AND CENTROLOPHUS BRITANNICUS GUNTHER (STROMATEIDAE) IN NORTH NORWAY**  
ASTARTE  
(29)9P, 3 FIGS, 4 TABLES
- 802934** NIJSEN, H; ISBRUCKER, I J H - 1968  
**GYMNOTUS CARAPO AND G. ANGUILLARIS ( SYN, G. COROPINAE), TWO OFTEN CONFUSED SPECIES OF GYMNOTID FISHES (PISCES, CYPRINIFORMES)**  
BEAUFORTIA  
15(203)161-168, 1 TABLE
- 802935** MATTHES, H - 1968  
**THE FOOD AND FEEDING HABITS OF THE TIGER-FISH, HYDROCYON VITTATUS (CAST, 1861) IN LAKE KARIBA**  
BEAUFORTIA  
15(201)143-153, 2 FIGS, 6 TABLES
- 802936** SOOD, M L - 1968  
**ON HAEMONCHUS CONTORTUS (RUD, 1803) COBB, 1898, FROM FRESHWATER FISH, WALLAGONIA ATTU**  
RES BULL PANJAB UNIV SCI  
19(1/2)9-11, 6 FIGS
- 802937** TANDON, K K; GOSWAMI, S C - 1968  
**A COMPARATIVE STUDY OF THE DIGESTIVE SYSTEM OF CHANNA SPECIES**  
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19(1/2)13-31, 32 FIGS, 6 TABLES
- 802938** GUPTA, N K; KHULLAR, MANORMA - 1968  
**STUDIES ON THE MONOGENETIC TREMATODES OF SOME INDIAN MARINE FOOD FISHES**  
RES BULL PANJAB UNIV SCI  
19(1/2)47-69, 54 FIGS
- 802939** GUPTA, N K; KHULLAR, MANORMA - 1968  
**ON HETERAXINOID PSEUDOSCIENAI N SP (MONOGENEA, AXINIDAE) FROM THE GILLS OF A MARINE FISH FROM INDIA**  
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19(1/2)97-99, 4 FIGS
- 802940** TANDON, K K; GUPTA, J R - 1968  
**CHROMATOPHORE CONFIGURATIONS IN MACRONES BLEEKERI DAY**  
RES BULL PANJAB UNIV SCI  
19(1/2)249-250, 4 FIGS
- 802941** REICHENBACH-KLINKE, H - 1968  
**DIE BEEINFLUSSUNG DES ENZYMGEHALTS IM FISCHDARM DURCH PARASITEN**  
Z PARASITENK  
31(1)19
- 802942** VARMA, S K; GURAYA, S S - 1968  
**THE LOCALIZATION AND FUNCTIONAL SIGNIFICANCE OF ALKALINE PHOSPHATASE IN THE VERTEBRATE OVARY**  
EXPERIENTIA  
24(4)398-399, 2 FIGS
- 802943** SCHIRONE, ROBERT C; GROSS, LEO - 1968  
**EFFECT OF TEMPERATURE ON EARLY EMBRYOLOGICAL DEVELOPMENT OF THE ZEBRA FISH, BRACHYDANIO RERIO**  
J EXP ZOOL  
169(1)43-52, 7 FIGS, 2 TABLES
- 802944** MULLENER, NATHANAE; CALDWELL, WILLARD E - 1968  
**A RADIAL BIMEDIAL DISCRIMINATION CHAMBER**  
J GENET PSYCHOL  
212(2)199-203, 1 FIG
- 802945** ANDO, KAZUO - 1968
- BIOCHEMICAL STUDIES ON THE LIPIDS OF CULTURED FISHES**  
J TOKYO UNIV FISH  
54(2)61-98, 5 FIGS, 6 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802946** VADER, WIM - 1968  
**MAUROLICUS MUELLERI, HET LICHTEND SPOTJE, IN NEDERLAND (TELEOSTEI GONOSTOMIDAE)**  
LEVENDE NATUUR  
71(12)282-285  
WITH ENGLISH SUMMARY
- 802947** PENAZ, MILAN - 1968  
**DAS WACHSTUM EINIGER FISCHARTEN IM SVRATKA-FLUSS UND SEINE ANDERUNGEN UNTER DEM EINFLUSS DER TALSPERRE VIR**  
ACTA SCI NATUR BRNO  
2(11)52P, 33 FIGS, 16 TABLES  
WITH ENGLISH SUMMARY
- 802948** ZELINKA, MILOS - 1968  
**RESULTS OF LIMNOLOGICAL INVESTIGATIONS ON THE VALLEY RESERVOIRS IN THE MORAVA RIVER BASIN**  
ACTA SCI NATUR BRNO  
2(12)64P, 3 FIGS, 37 TABLES
- 802949** LEHRER, GERARD M; WEISS, CIPORA; LICHTMAN, CECILE; SILIDES, DEMETRA J; FURMAN, MOSES; MATHEWSON, ROBERT F - 1968  
**THE QUANTITATIVE HISTOCHEMISTRY OF SUPRAMELLARY NEURONS OF PUFFER FISHES**  
J CELL BIOL  
37(2)575-579, 2 TABLES
- 802950** MCEWEN, BRUCE S; GRAFSTEIN, BERNICE - 1968  
**FAST AND SLOW COMPONENTS IN AXONAL TRANSPORT OF PROTEIN**  
J CELL BIOL  
38(3)494-496
- 802951** JORDAN, CAROL; LI, M F - 1968  
**A PROTEOLYTIC PSEUDOMONAD FROM SKIN LESIONS OF RAINBOW TROUT (SALMO GAIARDNERII), II. SOME PROPERTIES OF THE PROTEINASE**  
CAN J MICROBIOL  
14(8)875-880, 7 FIGS, 2 TABLES
- 802952** FLETCHER, T C; GRANT, P T - 1968  
**GLYCOPROTEINS IN THE EXTERNAL MUCOUS SECRETIONS OF THE PLAICE, PLEURONECTES PLATESSA, AND OTHER FISHES**  
BIOCHEM J  
106(2)12P
- 802953** HASLEWOOD, G A D - 1968  
**PETROMYZONOL SULFATE, A BILE SALT OF LAMPREYS**  
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107(2)6P
- 802954** SATO, MITSUO; TAKAHASHI, MASATSUGU - 1968  
**HISTOLOGICAL OBSERVATION OF THE REGENERATION OF THE MAXILLARY BARBELS OF THE LOACH, MISGURNUS ANGUILLICAUDATUS**  
JAP J ICHTHYOL  
15(1)1-6, 9 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 802955** NAKATSUKASA, YASUO - 1968  
**STUDIES ON THE POLYMORPHIC SARCOMA FOUND IN A CHUM SALMON, ONCORHYNCHUS KETA (WALBAUM)**  
JAP J ICHTHYOL  
15(1)7-10, 8 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802956** HONMA, YOSHIHARU; SUZUKI, ATSUYOSHI - 1968  
**STUDIES ON THE ENDOCRINE GLANDS OF THE SALMONOID FISH, THE AYU, PLECOGLOSSUS ALTIVELIS TEMMINCK ET SCHLEGEL-VII, THE HYPOTHALAMIC NEUROSECRETORY SYSTEM OF THE KOAYU EXPOSED TO THE ARTIFICIAL PHOTOPERIODS**  
JAP J ICHTHYOL  
15(1)11-19, 3 FIGS

- 802957 RASTOGI, RAKESH K; SAXENA, P K - 1968  
ANNUAL CHANGES IN THE OVARIAN ACTIVITY OF THE  
CATFISH, MYSTUS TENGARA (HAM) (TELEOSTEI)  
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15(1)28-35, 8 FIGS
- 802958 UENO, TATSUJI; ABE, KOJI - 1968  
ON RARE OR NEWLY FOUND FISHES FROM THE WATERS  
OF HOKKAIDO (III)  
JAP J ICHTHYOL  
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- 802959 TOMINAGA, YOSHIKI - 1968  
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SYSTEMATIC POSITION OF THE FISHES BELONGING TO  
THE FAMILY PEMPHERIDAE  
JAP J ICHTHYOL  
15(2)43-95, 17 FIGS, 6 TABLES
- 802960 NAKATSUKASA, YASUO - 1968  
A CASE OF SPINDLE CELL SARCOMA DEVELOPED IN  
ONCORHYNCHUS KISUTCH (WALBAUM)  
JAP J ICHTHYOL  
15(2)96-99, 2 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802961 ROYCE, WILLIAM F; SMITH, LYNWOOD S;  
HARTT, ALLAN C - 1968  
MODELS OF OCEANIC MIGRATIONS OF PACIFIC SALMON  
AND COMMENTS ON GUIDANCE MECHANISMS  
U S FISH WILDLIFE SERV FISH BULL  
66(3)441-462, 17 FIGS
- 802962 VAUX, WALTER G - 1968  
INTRAGRAVEL FLOW AND INTERCHANGE OF WATER IN A  
STREAMBED  
U S FISH WILDLIFE SERV FISH BULL  
66(3)479-489, 14 FIGS, 2 TABLES
- 802963 OWEN, ROBERT W JR - 1968  
OCEANOGRAPHIC CONDITIONS IN THE NORTHEAST  
PACIFIC OCEAN AND THEIR RELATION TO THE  
ALBACORE FISHERY  
U S FISH WILDLIFE SERV FISH BULL  
66(3)503-526, 16 FIGS, 3 TABLES
- 802964 SAKUDA, HENRY M - 1968  
A RAPID METHOD OF TAGGING FISH  
U S FISH WILDLIFE SERV FISH BULL  
66(3)573-574, 1 FIG
- 802965 MCNEIL, WILLIAM J - 1968  
MIGRATION AND DISTRIBUTION OF PINK SALMON  
SPAWNERS IN SASHIN CREEK IN 1965, AND SURVIVAL  
OF THEIR PROGENY  
U S FISH WILDLIFE SERV FISH BULL  
66(3)575-585, 2 FIGS, 12 TABLES
- 802966 HAYASI, SIGEITI - 1968  
PRELIMINARY ANALYSIS OF THE CATCH CURVE OF THE  
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U S FISH WILDLIFE SERV FISH BULL  
66(3)587-596, 3 FIGS, 2 TABLES
- 802967 LONG, CLIFFORD W - 1968  
DIEL MOVEMENT AND VERTICAL DISTRIBUTION OF  
JUVENILE ANADROMOUS FISH IN TURBINE INTAKES  
U S FISH WILDLIF SERV FISH BULL  
66(3)599-609, 8 FIGS, 8 TABLES
- 802968 SCHAEFER, RICHARD H - 1968  
SIZE, AGE COMPOSITION AND MIGRATION OF STRIPED  
BASS FROM THE SURF WATERS OF LONG ISLAND  
N Y FISH GAME J  
15(1)1-51, 35 FIGS, 15 TABLES
- 802969 FORNEY, JOHN L - 1968  
EFFECT OF DIFFERENT FERTILIZERS ON YIELD OF  
GOLDEN SHINERS IN NEW YORK PONDS  
N Y FISH GAME J  
15(1)112-116, 1 FIG, 1 TABLE
- 802970 SCHAEFER, RICHARD H - 1968  
SEX COMPOSITION OF STRIPED BASS FROM THE LONG  
ISLAND SURF  
N Y FISH GAME J  
15(1)117-118, 1 TABLE
- 802971 BURDICK, G E; DEAN, H J; HARRIS, E J; SKEA,  
JACK; FRISA, CHARLES; SWEENEY, CLARE - 1968  
METHOXYCHLOR AS A BLACKFLY LARVICIDE,  
PERSISTENCE OF ITS RESIDUES IN FISH AND ITS  
EFFECT ON STREAM ARTHROPODS  
N Y FISH GAME J  
15(2)121-142, 11 TABLES
- 802972 FORNEY, JOHN L - 1968  
PRODUCTION OF YOUNG NORTHERN PIKE IN A  
REGULATED MARSH  
N Y FISH GAME J  
15(2)143-154, 2 FIGS, 6 TABLES
- 802973 BRIGGS, PHILIP T - 1968  
THE SPORT FISHERIES FOR SCUP IN THE INSHORE  
WATERS OF EASTERN LONG ISLAND  
N Y FISH GAME J  
15(2)165-185, 5 FIGS, 12 TABLES
- 802974 FOEHRENBACH, JACK - 1968  
OCCURRENCE OF THE BIGEYE IN LONG ISLAND WATERS  
N Y FISH GAME J  
15(2)191-192, 1 FIG
- 802975 LOEB, HOWARD A - 1968  
DURATION OF JAW MARKS IN GROWING FINGERLING  
TROUT  
N Y FISH GAME J  
15(2)193-194, 1 TABLE
- 802976 LOEB, HOWARD A - 1968  
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ACTION  
N Y FISH GAME J  
15(2)195-196
- 802977 LOEB, HOWARD A; KELLY, WILLIAM H - 1968  
EYELESSNESS DUE TO CANNIBALISM IN A POPULATION  
OF STUNTED BROWN TROUT  
N Y FISH GAME J  
15(2)197-200, 1 TABLE
- 802978 KRULL, JOHN N - 1968  
SOME OBSERVATIONS CONCERNING FISH FOUND ON THE  
MONTEZUMA NATIONAL WILDLIFE REFUGE  
N Y FISH GAME J  
15(2)201-202
- 802979 SILVER, MICHAEL A; SHENK, WILBUR D - 1968  
TEMPERATURE DEPENDENCE OF GLUCOSE CONCENTRATION  
IN TOADFISH BLOOD  
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- 802980 TSAI, CHU-FA - 1968  
EFFECTS OF CHLORINATED SEWAGE EFFLUENTS ON  
FISHES IN UPPER PATUXENT RIVER, MARYLAND  
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- 802981 SINDERMAN, CARL J; KRANTZ, GEORGE E - 1968  
ERYTHROCYTE ANTIGENS AND NATURAL ISOAGGLUTININS  
OF THE AMERICAN EEL, ANGUILLA ROSTRATA, FROM  
CHESAPEAKE BAY  
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9(2)94-98, 3 TABLES
- 802982 KENDALL, ARTHUR W JR; SCHWARTZ, FRANK J - 1968  
LETHAL TEMPERATURE AND SALINITY TOLERANCES OF  
THE WHITE CATFISH ICTALURUS CATUS, FROM THE  
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9(2)103-108, 3 FIGS, 3 TABLES

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HALL, WILLIAM M JR - 1968  
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- 802984 ROBINSON, PAUL F; SCHWARTZ, FRANK J - 1968  
TOXICITY OF THE NORTHERN PUFFER, SPHAEROIDES  
MACULATUS, IN THE CHESAPEAKE BAY AND ITS  
ENVIRONS  
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9(2)136-137, 1 TABLE
- 802985 SMITH, W G; NORCROSS, JOHN J - 1968  
THE STATUS OF THE SCUP (STENOTOMUS CHRYSOPS) IN  
WINTER TRAWL FISHERY  
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9(4)207-216, 7 FIGS, 1 TABLE
- 802986 TRENT, LEE; HASSLER, WILLIAM W - 1968  
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COMPOSITION, SEX RATIO, HARVEST EFFICIENCY, AND  
MANAGEMENT OF STRIPED BASS IN THE ROANOKE  
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9(4)217-232, 5 FIGS, 10 TABLES
- 802987 MIZEJEWSKI, GERALD J; RAMM, GORDON M - 1968  
CARBON PARTICLE UPTAKE BY MACROPHAGES IN THE  
OVARY AND THYROID OF FUNDULUS DURING VARIOUS  
SEASONAL CYCLES  
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9(4)233-237, 4 FIGS
- 802988 SWARTZ, RICHARD C; VAN ENGEL, WILLARD A - 1968  
LENGTH, WEIGHT, AND GIRTH RELATIONS IN THE  
TOADFISH, OPSANUS TAU  
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- 802989 LAWLER, ADRIAN R - 1968  
NEW HOST RECORD FOR THE PARASITIC  
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- 802990 CASE, GERARD P - 1968  
'INLAND' SHARK OCCURRENCE  
UNDERWATER NATUR  
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- 802991 WICKLUND, ROBERT I - 1968  
SOME NIGHT OBSERVATIONS ON MARINE ANIAMLS IN  
THE BAHAMAS  
UNDERWATER NATUR  
5(1)24-27, 2 FIGS
- 802992 CARSON, JOHN B - 1968  
THE GREEN SUNFISH  
UNDERWATER NATUR  
5(1)29, 1 FIG
- 802993 MULLER, WILLIAM A - 1968  
THE WHITE PERCH, ROCCUS AMERICANUS  
UNDERWATER NATUR  
5(1)30-31, 1 FIG
- 802994 ROHR, BENNIE A - 1968  
SURFACE SCHOOLING OF RED DRUM  
UNDERWATER NATUR  
5(2)21-23, 1 FIG
- 802995 WICKLUND, ROBERT I; WILK, STUART J; OGREN,  
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OBSERVATIONS ON WINTERING LOCATIONS OF THE  
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5(2)26-28, 2 FIGS, 1 TABLE
- 802996 COOLEY, ARTHUR P - 1968  
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- 802997 WICKLUND, ROBERT I - 1968  
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FALSE ALBACORE  
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5(2)30-31, 2 FIGS
- 802998 BOYLE, ROBERT H - 1968  
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UNDERWATER NATUR  
5(2)32-33 + 40
- 802999 MACMILLAN, GRAHAM - 1968  
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- 803000 HOBSON, EDMUND S - 1968  
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NIGHT  
UNDERWATER NATUR  
5(3)6-11, 4 FIGS
- 803001 OGREN, LARRY; CHESS, JAMES; LINDENBERG, JOHN  
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5(3)38-39, 1 FIG
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CURACAO FIELDNOTES  
UNDERWATER NATUR  
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- 803003 WICKLUND, ROBERT I - 1968  
ESCAPE PATTERNS OF THE SILVERSIDES  
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- 803004 RANDALL, D J - 1968  
FUNCTIONAL MORPHOLOGY OF THE HEART IN FISHES  
AMER ZOOL  
8(2)179-189, 7 FIGS
- 803005 JOHANSEN, KJELL; HANSON, DAVID - 1968  
FUCTIONAL ANATOMY OF THE HEARTS OF LUNGFISHES  
AND AMPHIBIANS  
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8(2)191-210, 15 FIGS
- 803006 FUJINO, KAZUO; KANG, TAGAY - 1968  
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59(1)79-91, 4 FIGS, 9 TABLES
- 803007 FRIDBERG, GUNNAR; BERN, HOWARD A - 1968  
THE UROPHYSIS AND THE CAUDAL NEUROSECRETORY  
SYSTEM OF FISHES  
BIOL REV (CAMBRIDGE)  
43(2)175-199, 4 FIGS
- 803008 MASLIN, T PAUL - 1968  
TAXONOMIC PROBLEMS IN PARTHENOGENETIC  
VERTEBRATES  
SYST ZOOL  
17(3)219-231
- 803009 BROOKS, JOHN LANGDON - 1968  
THE EFFECTS OF PREY SIZE SELECTION BY LAKE  
PLANKTIVORES  
SYST ZOOL  
17(3)273-291, 5 FIGS
- 803010 ASHMOLE, N PHILIP - 1968



	<b>BODY SIZE, PREY SIZE, AND ECOLOGICAL SEGREGATION IN FIVE SYMPATRIC TROPICAL TERNS (AVES, LARIDAE)</b> SYST ZOOL 17(3)292-304, 1 FIG, 2 TABLES	<b>803023</b>	PETERS, HANS M - 1968 <b>UBER EIREIFUNG UND OVULATION BEI CRENILABRUS (LABRIDAE, TELEOSTEI)</b> ZOOLOG ANZ 181(5/6)371-378, 4 FIGS, 1 TABLE WITH ENGLISH SUMMARY	<b>803011 - 803035</b>
<b>803011</b>	MCDOWALL, R M - 1968 <b>OCEANIC ISLANDS AND ENDEMISM</b> SYST ZOOL 17(3)346-350, 2 TABLES	<b>803024</b>	SHARMA, R G; SINGH, C P - 1968 <b>STUDY ON THE PITUITARY GLAND OF MASTACEMBELUS GUNTHERI (GUNTHER)</b> ZOOLOG ANZ 181(5/6)379-385, 5 FIGS	
<b>803012</b>	BARLOW, GEORGE W; LIEM, KAREL F; WICKLER, WOLFGANG - 1968 <b>BADIDAE, A NEW FISH FAMILY-BEHAVIOURAL, OSTEOLOGICAL, AND DEVELOPMENTAL EVIDENCE</b> J ZOOL PROC ZOOL SOC LONDON 156(4)415-447, 15 FIGS	<b>803025</b>	GOLDSTEIN, ROBERT J; HENSON, RICHARD N; SCHLICHT, FRANK G - 1968 <b>ACANTHOBOTHRIUM LINTONI SP N (CESTODA, TETRAPHYLLEIDA) FROM THE ELECTRIC RAY, NARCINE BRASILIENSIS (OLFER) IN THE GULF OF MEXICO</b> ZOOLOG ANZ 181(5/6)435-438, 6 FIGS	
<b>803013</b>	MULLER, K - 1968 <b>FREILAUFENDE CIRCADIENE PERIODIK VON ELLRITZEN AM POLARKREIS</b> NATURWISSENSCHAFTEN 55(3)2P, 1 FIG	<b>803026</b>	LABAT, R; DEMERS, J-M; LAFFONT, J - 1968 <b>RECHERCHES SUR LA REGULATION CARDIAQUE CHEZ QUELQUES VERTEBRES INFERIEURS</b> BULL SOC HIST NATUR TOULOUSE 104(1/2)69-81, 2 FIGS, 5 TABLES	
<b>803014</b>	RANDALL, JOHN E - 1968 <b>IOGLOSSUS HELENAE, A NEW GOBIID FISH FROM THE WEST INDIES</b> ICHTHYOL AQUARIUM J 39(3/4)107-116, 3 FIGS, 2 TABLES	<b>803027</b>	BASSOT, JEAN-MARIE - 1968 <b>LES ORGANES LUMINEUX A BACTERIES SYMBIOTIQUES DU TELEOSTEEN ANOMALOPS, DONNEES HISTOLOGIQUES</b> BULL SOC ZOOL FR 93(4)569-579, 8 FIGS, 1 TABLE WITH ENGLISH SUMMARY	
<b>803015</b>	ROBERTS, TYSON R - 1968 <b>RHEOGLANIS DENDROPHORUS AND ZAIREICHTHYS ZONATUS, BAGRID CATFISHES FROM THE LOWER RAPIDS OF THE CONGO RIVER</b> ICHTHYOL AQUARIUM J 39(3/4)119-131, 4 FIGS	<b>803028</b>	BYCZKOWSKA-SMYK, WANDA - 1968 <b>BILE CANALICULI IN HEPATIC CELLS OF THE CRUCIAN CARP (CARASSIUS CARASSIUS L) AND TENCH (TINCA TINCA L)</b> ACTA BIOL CRACOV SER ZOOL 11(1)93-100, 18 FIGS	
<b>803016</b>	CRANE, JOHN W; MIZELLE, JOHN D - 1968 <b>STUDIES ON MONOGENETIC TREMATODES, XXIX. SPECIES FROM THE BLUEGILL (LEPOMIS MACROCHIRUS) AND SIZE RELATIONSHIPS OF THREE SPECIES FROM DIFFERENT AREAS</b> ICHTHYOL AQUARIUM J 39(3/4)135-143, 2 FIGS, 2 TABLES	<b>803029</b>	SKRZYPCZYNSKA, MALGORZATA - 1968 <b>THE RESPIRATORY SURFACE OF GILLS OF ODONTOGADUS MERLANGUS EUXINUS NORDM</b> ACTA BIOL CRACOV SER ZOOL 11(1)101-109, 4 FIGS, 3 TABLES	
<b>803017</b>	MENON, A G K - 1968 <b>TAXONOMY OF PUNTIUS FILAMENTOSUS (VALENCIENNES) A CYPRINID FISH OF SOUTH INDIA AND CEYLON</b> ICHTHYOL AQUARIUM J 39(3/4)147-153, 3 FIGS	<b>803030</b>	WILLIAMS, R R - 1968 <b>CERCARIA STEPHANOCAUDA FAUST, AS THE CERCARIA OF LEUCERUTHRUS MICROPTERI MARSHALL AND GILBERT</b> PROCPA ACAD SCI 42:57-60, 6 FIGS	
<b>803018</b>	FRANK, STANISLAV - 1968 <b>THE GROWTH OF PERCH, PERCA FLUVIATILIS, IN THE COURSE OF THE FIRST YEAR OF LIFE IN TWO VALLEY RESERVOIRS IN CZECHOSLOVAKIA</b> ICHTHYOL AQUARIUM J 39(3/4)155-166, 6 FIGS, 3 TABLES	<b>803031</b>	BANARESCU, PETRU - 1968 <b>RECENT ADVANCES IN TELEOST TAXONOMY AND THEIR IMPLICATIONS ON FRESHWATER ZOOGEOGRAPHY</b> REV ROUM BIOL 13(3)153-160	
<b>803019</b>	GOSLINE, WILLIAM A - 1968 <b>THE SUBORDERS OF PERCIFORM FISHES</b> PROC U S NAT MUS 124(3647)78P, 12 FIGS	<b>803032</b>	NECRASOV, OLGA; ADASCALTITEI, ECATERINA - 1968 <b>QUELQUES MODIFICATIONS MORPHOLOGIQUES RELATIVES A L'ABSENCE CONGENITALE D'UN OIL CHEZ SILURUS GLANIS L</b> REV ROUM BIOL 13(3)179-186, 10 FIGS	
<b>803020</b>	PEGETA, V P - 1968 <b>ENCHONDRAL OSSIFICATION IN LATIMERIA CHALUMNAE SMITH</b> DOPOV AKAD NAUK UKR RSR SER B 30(7)653-656, 1 FIG IN RUSSIAN WITH ENGLISH SUMMARY	<b>803033</b>	TRANDABURU, T - 1968 <b>EFFET DU GLUCOSE SUR L'ACTIVITE DES ILOTS DE LANGERHANS CHEZ QUELQUES ESPECES DE VERTEBRES INFERIEURS (POISSONS ET AMPHIBIENS)</b> REV ROUM BIOL 13(3)205-209, 7 FIGS, 1 TABLE WITH ENGLISH SUMMARY	
<b>803021</b>	BUSSIERAS, J; ALDRIN, J -F - 1968 <b>SPHYRIOCEPHALUS DOLLFUSI N SP, CESTODE TRYPANORHYNCHA PARASITE DE L'ESTOMAC DU THON PATUDO, THUNNUS OBESUS</b> ANN PARASITOL HUM COMP 43(6)645-653, 7 FIGS WITH ENGLISH SUMMARY	<b>803034</b>	PAEPKE, HANS-JOACHIM - 1968 <b>PAEPKE, HANS-JOACHIM - 1968 EINE MISCHPOPULATION DES DREISTACHLIGEN STICHLINGS (GASTEROSTEUS ACULEATUS L) AUS DER UMGEGEND VON POTSDAM VEREINF. BEZIRKSHEIMATMUS (POTSDAM) (16)23-34, 5 FIGS, 4 TABLES</b>	
<b>803022</b>	SINGH, B R; MUNSHI, J S DATTA - 1968 <b>THE JAW MUSCLES AND THEIR MODE OF WORKING IN TWO INDIAN SILUROID FISHES</b> ZOOLOG ANZ 181(5/6)356-370, 31 FIGS	<b>803035</b>	RAPPOPORT, D A; DAGINAWALA, H F - 1968 <b>CHANGES IN NUCLEAR RNA OF BRAIN INDUCED BY</b>	

- 803036 OLFACTION IN CATFISH  
J NEUROCHEM  
15(9)991-1006, 4 FIGS, 11 TABLES
- 803036 SLAUGHTER, BOB H; STEINER, MAUREEN - 1968  
NOTES ON ROSTRAL TEETH OF GANOPRISTINE  
SAWFISHES, WITH SPECIAL REFERENCE TO TEXAS  
MATERIAL  
J PALEONTOL  
42(1)233-239, 4 FIGS
- 803037 THOMSON, KEITH STEWART - 1968  
FURTHER NOTE ON THE STRUCTURE OF RHIPIDISTIAN  
FISHES  
J PALEONTOL  
42(1)243
- 803038 KUHLMORGEN-HILLE, GEORG - 1968  
AN ILLUSTRATED FIELD KEY TO THE FISH FAMILY  
LEIOGNATHIDAE IN THE GULF OF THAILAND  
CONTRIB MAR FISH LAB (BANGKOK)  
(12)7P, 18 FIGS
- 803039 OPUSZYNSKI, K - 1968  
CARP POLYCULTURE WITH PLANT-FEEDING FISH, GRASS  
CARP (CTENOPHARYNGODON IDELLA VAL) AND SILVER  
CARP (HYPOPHthalmichthys MOLITRIX VAL)  
BULL ACAD POLONAISE SCI BIOL  
16(11)677-681, 3 TABLES
- 803040 ARBAULT, SUZANNE; BOUTIN, NICOLE - 1968  
ICHTHYOPLANKTON OEUFS ET LARVES DE POISSONS  
TELEOSTEENS DANS LE GOLFE DE GASCogne EN 1964  
REV TRAV INST PECHES MARIT  
32(4)413-476, 64 FIGS, 1 TABLE
- 803041 MORICE, JEAN; WARLUZEL, NOEL - 1968  
LA PECHE A LA CREVETTE SUR LE PLATEAU GUYANAIS  
LES TECHNIQUES AMERICAINES ET L'ANALYSE DES  
CAPTURES  
REV TRAV INST PECHES MARIT  
32(4)477-506, 11 FIGS, 1 TABLE
- 803042 PARIS, J; QUIGNARD, J P - 1968  
QUELQUES CAS D'AMBI-COLORATION ET D'ALBINISME  
CHEZ SOLEA VULGARIS QUENSEL  
REV TRAV INST PECHES MARIT  
32(4)507-510, 4 FIGS
- 803043 DUNSTAN, D J - 1968  
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DEVELOPMENT  
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2(12)1-8, 7 FIGS
- 803044 LLEWELLYN, L C - 1968  
TAGGING GIVES ANSWERS TO FISH GROWTH QUERIES  
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3(1)1-5, 6 FIGS, 1 TABLE
- 803045 TILZEY, RICHARD - 1968  
PRELIMINARY FINDINGS ON THE GROWTH OF LAKE  
EUCUMBENE TROUT  
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3(3)18-22, 7 FIGS, 2 TABLES
- 803046 DRAHOS, NICK - 1968  
FISH WITH A FUTURE, THE SILVER (COHO) SALMON  
CONSERVATIONIST  
22(5)2-3, 4 FIGS
- 803047 DRAHOS, NICK - 1968  
AN IMPOSSIBLE RAINBOW TROUT  
CONSERVATIONIST  
22(5)33, 1 FIG
- 803048 KELSEY, PAUL M - 1968  
PICKEREL, PIKE OR MUSKIE?  
CONSERVATIONIST  
22(5)41, 1 FIG
- 803049 CARLSON, CLARENCE A - 1968  
LIFE AND DEATH IN THE LARGEMOUTH BASS  
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23(1)20-21, 3 FIGS
- 803050 MYER, JAMES S; RICCI, DAVID - 1968  
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J COMP PHYSIOL PSYCHOL  
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- 803051 BILLARD, ROLAND - 1968  
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L'EFFICACITE DE LA SPERMATOGENESE DU GUPPY  
POECILIA RETICULATA  
C R HEBD SEANCES ACAD SCI PARIS SER D  
266(24)2287-2290, 2 FIGS, 1 TABLE
- 803052 BLANC, NELLY; MORDECHAI, ABRAHAM - 1968  
EVALUATION DU POUVOIR GONADOTROPE DANS  
L'HYPHYPHSE DE CYPRINUS CARPIO ET MUGIL  
CEPHALUS  
C R HEBD SEANCES ACAD SCI PARIS SER D  
267(10)958-961, 1 TABLE
- 803053 CHARTIER-BARADUC, MARIE-MADELEINE;  
DEVILLE, JACQUELINE; LOPEZ, EVELYNE;  
PONCET, MICHELE - 1968  
SUR LES VARIATIONS DE LA CALCEMIE OBSERVEES  
CHEZ SALMO SALAR L A DIVERSES ETAPES DE SON  
CYCLE VITAL, LEUR DETERMINISME ENDOCRINIE ET  
LEUR INTERVENTION EVENTUELLE SUR LE  
COMPORTEMENT  
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268(15)1958-1961, 3 TABLES
- 803054 RUBINOFF, ROBERTA W; RUBINOFF, IRA - 1968  
INTEROCEANIC COLONIZATION OF A MARINE GOBY  
THROUGH THE PANAMA CANAL  
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217(5127)476-478, 2 FIGS, 1 TABLE
- 803055 KARMARKAR, S P; GAZDAR, G S - 1968  
STUDY ON THE CYTOLOGY OF BLOOD CELLS OF  
CHILOSCILLIUM GRESHIUM  
J ANIM MORPHOL PHYSIOL  
15(1/2)40-45, 22 FIGS
- 803056 MISRA, P M; SAILA, S B - 1968  
GROWTH OF TELEOST EGGS IN DEUTERIUM  
J ANIM MORPHOL PHYSIOL  
15(1/2)168-176, 2 FIGS, 1 TABLE
- 803057 EMINOV, A - 1968  
ABOUT THE FEEDING AND FISHBREEDING SIGNIFICANCE  
OF SOME HIBERNATING, FISH-EATING BIRDS OF  
SOUTHEASTERN TURKMENISTAN  
IZV AKAD NAUK TURKM SSR SER BIOL NAUK  
(5)76-81, 1 TABLE  
IN RUSSIAN
- 803058 MAKSIMOV, V P - 1968  
ON THE INCIDENT OF A SWORDFISH ATTACKING A  
SHARK  
VOP IKHTIOL  
8(5)949  
IN RUSSIAN
- 803059 TARUSOV, B I; PANYUSHKIN, J A - 1968  
ON THE ROLE OF LIPOID ANTIOXIDANTS IN THE  
ADAPTATION OF FISH TO VARIOUS OSMOTIC  
CONDITIONS  
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8(5)949-952, 3 FIGS  
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- 803060 TRUNOV, I A - 1968  
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DISTRIBUTION OF SOME FISH FROM THE SOUTHEASTERN  
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8(5)952-954, 1 FIG  
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803061	NOVIKOV, N P - 1968 TAGGING OF BLACKCOD (ANOPLOPOMA FIMBRIA PALL) VOP IKHTIOL 8(5)955-957, 1 FIG IN RUSSIAN	803074	SVARDSON, GUNNAR; MOLIN, GOSTA - 1968 GROWTH, WEIGHT AND YEAR-CLASS FLUCTUATIONS IN THE PIKE-PERCH (LUCIOPERCA LUCIOPERCA L) OF LAKES HJALMAREN AND MALAREN REP INST FRESHWATER RES DROTTNINGHOLM (48)17-35, 13 TABLES	803061 - 803086
803062	BATH, HANS - 1968 UNTERSUCHUNG VON BLENNIUS ZVONIMIRI KOLOBATOVIC UND BESCHREIBUNG VON BLENNIUS INCOGNITUS N SP AUS DEM MITTELMEER, (PISCES, BLENNIOIDEA, BLENNIIDAE) SENCKENBERGIANA BIOL 49(5) 367-386, 19 FIGS, 2 TABLES	803075	PETERSON, HANS H - 1968 THE GRAYLING, THYMALLUS THYMALLUS (L), OF THE SUNDSVALL BAY AREA REP INST FRESHWATER RES DROTTNINGHOLM (48)36-56, 6 FIGS, 4 TABLES	
803063	GUTMANN, WOLFGANG-FRIEDRICH - 1968 DIE FUNKTIONELLE BEZIEHUNG VON ACHSENSKELETT-UND STAMM-MUSKEL-APPARAT DER FISCHARTIGEN VERTEBRATEN SENCKENBERGIANA BIOL 49(3/4)265-272, 2 FIGS	803076	NYMAN, LENNART; WESTIN, LARS - 1968 ON THE PROBLEM OF SIBLING SPECIES AND POSSIBLE INTRASPECIFIC VARIATION IN FOURHORN SCULPIN, MYOXOCEPHALUS QUADRICORNIS (L) REP INST FRESHWATER RES DROTTNINGHOLM (48)57-66, 6 FIGS, 3 TABLES	
803064	MOE, MARTIN A JR - 1968 FIRST GULF OF MEXICO RECORD FOR LUTJANUS CYANOPTERUS QUART J FLA ACAD SCI 29(4)285-286	803077	WESTIN, LARS - 1968 THE FERTILITY OF FOURHORN SCULPIN, MYOXOCEPHALUS QUADRICORNIS (L) REP INST FRESHWATER RES DROTTNINGHOLM (48)67-70, 2 FIGS, 2 TABLES	
803065	SPRINGER, STEWART - 1968 TRIAKIS FEHLMANNI, A NEW SHARK FROM THE COAST OF SOMALIA PROC BIOL SOC WASH 81(56)613-624, 5 FIGS	803078	WESTIN, LARS - 1968 LETHAL LIMITS OF TEMPERATURE FOR FOURHORN SCULPIN MYOXOCEPHALUS QUADRICORNIS (L) REP INST FRESHWATER RES DROTTNINGHOLM (48)71-76, 1 FIG, 2 TABLES	
803066	BARBOUR, CLYDE D; CONTRERAS, SALVADOR - 1968 ALGANSEA MONTICOLA, A NEW CYPRINID FISH FROM THE PACIFIC SLOPE OF CENTRAL MEXICO PROC BIOL SOC WASH 81(13)101-107, 3 FIGS, 1 TABLE	803079	BERGLUND, TORSTEN - 1968 THE INFLUENCE OF PREDATION BY BROWN TROUT ON ASELLUS IN A POND REP INST FRESHWATER RES DROTTNINGHOLM (48)77-101, 13 FIGS, 2 TABLES	
803067	COLLETTE, BRUCE B - 1968 DAECTOR SCHMITTI, A NEW SPECIES OF VENOMOUS TOADFISH FROM THE PACIFIC COAST OF CENTRAL AMERICA PROC BIOL SOC WASH 81(19)155-159, 2 FIGS, 1 TABLE	803080	HASSELROT, TORSTEN B - 1968 REPORT ON CURRENT FIELD INVESTIGATIONS CONCERNING THE MERCURY CONTENT IN FISH, BOTTOM SEDIMENT, AND WATER REP INST FRESHWATER RES DROTTNINGHOLM (48)102-111, 3 FIGS, 1 TABLE	
803068	SMITH-VANIZ, WILLIAM F.- 1968 A NEW CLINGFISH, TOMICODON RHABDOTUS FAMILY GOBIESOCIDAE, FROM THE LESSER ANTILLES PROC BIOL SOC WASH 81(46)473-477, 1 FIG, 3 TABLES	803081	HANNERZ, LENNART - 1968 THE ROLE OF FEEDING HABITS IN THE ACCUMULATION OF FALL OUT 137CS IN FISH REP INST FRESHWATER RES DROTTNINGHOLM (48)112-119, 2 TABLES	
803069	CHERVINSKI, JONATHAN - 1968 THE CICHLIDS OF EIN-FESHKHA SPRINGS II. TILAPIA ZILLII (GERVAIS) HYDROBIOLOGIA 35(1/2)157-160, 3 TABLES	803082	HANNERZ, LENNART - 1968 EXPERIMENTAL INVESTIGATIONS ON THE ACCUMULATION OF MERCURY IN WATER ORGANISMS REP INST FRESHWATER RES DROTTNINGHOLM (48)120-176, 21 FIGS, 17 TABLES	
803070	CHERVINSKI, JONATHAN - 1968 THE CICHLIDS OF EIN-FESHKHA SPRINGS I. TILAPIA AUREA EXUL (STEINITZ) HYDROBIOLOGIA 32(1/2)150-156, 6 TABLES	803083	MATHISEN, OLE A; BERG, MAGNUS - 1968 GROWTH RATES OF THE CHAR SALVELINUS ALPINUS (L) IN THE VARDNES RIVER, TROMS, NORTHERN NORWAY REP INST FRESHWATER RES DROTTNINGHOLM (48)177-186, 3 FIGS, 8 TABLES	
803071	NAKAMURA, IZUMI - 1968 JUVENILES OF THE STRIPED MARLIN, TETRAPTURUS AUDAX (PHILLIPI) MEM KYOTO UNIV COLL AGR FISH SER (94)17-29, 8 FIGS, 1 TABLE	803084	JENSEN, KJELL W - 1968 SEATROUT (SALMO TRUTTA, L) OF THE RIVER ISTR, A WESTERN NORWAY REP INST FRESHWATER RES DROTTNINGHOLM (48)187-213, 5 FIGS, 19 TABLES	
803072	DENISON, ROBERT H - 1968 EARLY DEVONIAN LUNGFISHES FROM WYOMING, UTAH, AND IDAHO FIELDIANA GEOL 17(4)353-413, 26 FIGS	803085	REINBOTH, RUDOLF - 1968 PROTOGYNIE BEI PAPAGEIFISCHEN (SCARIDAE) Z NATURFORSCH 23(6)852-855, 2 FIGS, 1 TABLE	
803073	NILSSON, NILS-ARVID; SVARDSON, GUNNAR - 1968 SOME RESULTS OF THE INTRODUCTION OF LAKE TROUT (SALVELINUS NAMAYCUSH WALBAUM) INTO SWEDISH LAKES REP INST FRESHWATER RES DROTTNINGHOLM (48)5-16, 3 FIGS, 3 TABLES	803086	HELFRICH, PHILIP; PIYAKARNCHANA, TWESUKDI; MILES, PHILLIP S - 1968 CIGUATERA FISH POISONING, I, THE ECOLOGY OF CIGUATERIC REEF FISHES IN THE LINE ISLANDS OCCAS PAP BERNICE P BISHOP MUS 23(14)305-369, 15 FIGS, 6 TABLES	



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- 803087 NAFPAKTITIS, BASIL G; PAXTON, JOHN R - 1968  
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A DESCRIPTION OF A NEW SPECIES  
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(138)29P, 10 FIGS, 1 TABLE
- 803088 GILBERT, CARTER R; RANDALL, JOHN E - 1968  
GOBIONELLUS SAEPEPALLENIS, A NEW GOBIID FISH  
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NOTULAE NATUR (PHILADELPHIA)  
(411)8P, 1 FIG, 2 TABLES
- 803089 ENSOR, D M; BALL, J N - 1968  
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J ENDOCRINOL  
41(4)XVI
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EFFECTS OF PARTIAL REINFORCEMENT ON SPEED OF  
APPROACH RESPONSES IN GOLDFISH (CARASSIUS  
AURATUS)  
PSYCHOL REP PART 1  
22:741-744, 1 FIG
- 803091 BROOKSHIRE, KENNETH H; HOGNANDER, ORVILLE C  
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- 803092 COSTANZO, D J; TAYLOR, L R - 1968  
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- 803093 CHUNG, BYUNG-SUN - 1968  
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8(2)113-122, 3 FIGS, 8 TABLES
- 803094 MORRIS, R; BULL, J M - 1968  
STUDIES ON FRESHWATER OSMOREGULATION IN THE  
AMMOCOETE LARVA OF LAMPETRA PLANERI (BLOCH).  
II. THE EFFECT OF DE-IONIZED WATER AND  
TEMPERATURE ON SODIUM BALANCE  
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- 803095 NORTHMORE, D P M - 1968  
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J EXP ANAL BEHAV  
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- 803096 THOMAS, JAMES C - 1968  
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CALIF DEP FISH GAME FISH BULL  
(142)34P, 12 FIGS, 6 TABLES
- 803097 MACNAE, WILLIAM - 1968  
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16(1)17-21, 6 FIGS
- 803098 WOHLSCHLAG, DONALD E - 1968  
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AUST NATUR HIST  
16(2)45-48, 2 FIGS
- 803099 PAXTON, JOHN R - 1968  
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AUST NATUR HIST  
16(3)71-76, 7 FIGS
- 803100 DEWITT, HUGH - 1968  
COASTAL FISHES  
AUST NATUR HIST  
16(4)119-123, 8 FIGS
- 803101 GRABOWSKI, JOHN G; THOMPSON, TRAVIS - 1968  
EFFECTS OF VISUAL REINFORCER BRIGHTNESS AND  
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PSYCHONOMIC SCI  
11(3)111-112, 1 FIG, 1 TABLE
- 803102 PINCKNEY, GEORGE A - 1968  
RESPONSE CONSEQUENCES AND SIDMAN AVOIDANCE  
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PSYCHONOMIC SCI  
12(1)13-14, 1 FIG
- 803103 BEHREND, ERIKA R; BITTERMAN, M E - 1968  
PARTIAL REINFORCEMENT AND CLASSICAL  
CONDITIONING IN TWO SPECIES OF FISH  
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11(5)167-168, 2 FIGS
- 803104 MARKERT, CLEMENT L - 1968  
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ANN N Y ACAD SCI  
15(1)14-40, 9 FIGS
- 803105 ALLISON, WILLIAM S - 1968  
STRUCTURE AND EVOLUTION OF TRIOSE PHOSPHATE AND  
LACTATE DEHYDROGENASES  
ANN N Y ACAD SCI  
15(1)180-189, 9 TABLES
- 803106 MARGOLIASH, E; FITCH, W M - 1968  
EVOLUTIONARY VARIABILITY OF CYTOCHROME C  
PRIMARY STRUCTURES  
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15(1)359-381, 6 FIGS, 4 TABLES
- 803107 SHASHOUA, VICTOR E - 1968  
RNA CHANGES IN GOLDFISH BRAIN DURING LEARNING  
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217(5125)238-240, 2 FIGS, 1 TABLE
- 803108 HOUSTON, A H; MADDEN, JANE A - 1968  
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- 803109 SPRAGUE, JOHN B - 1968  
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PROTECTS FISH FROM COPPER AND ZINC  
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- 803110 RUWET, J CL - 1968  
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CICHLIDAE) AND ITS IMPLICATIONS  
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LA TANCHE (TINCA TINCA L) EFFET DE LA VAGOTOMIE  
SUR L'EXCRETION DES CATIONS (NA+ ET K+)  
EXPERIENTIA  
24(6)567, 1 FIG, 1 TABLE
- 803113 RUHLAND, M -L - 1968  
ETUDE COMPARATIVE DES BESOINS MINIMA EN OXYGENE  
CHEZ DIFFERENTES ESPECES DE TELEOSTEENS  
EXPERIENTIA  
24(6)571-572, 1 FIG, 1 TABLE
- 803114 FAHN, STANLEY - 1968  
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- CHOLINESTERASE OF THE ELECTROPHORUS ELECTRIC ORGAN**  
EXPERIENTIA  
24(6)544-545, 1 FIG, 1 TABLE
- 803115 DATTA, S; SAVAGE, N B - 1968  
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EXPERIENTIA  
24(6)572-574, 2 FIGS, 1 TABLE
- 803116 LUEKEN, W; KNOLL, CHRISTA - 1968  
DIFFERENCE IN INTERPHASE NUCLEUS ORGANIZATION WITHIN THE GENUS XIPHOPHORUS (PISCES, POECILLIDAE)  
EXPERIENTIA  
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EXPERIENTIA  
24(6)555-557, 1 FIG, 1 TABLE
- 803118 BLUM, VOLKER; WEBER, K M - 1968  
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EXPERIENTIA  
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EXPERIENTIA  
24(10)1061-1062, 1 FIG, 1 TABLE
- 803120 GROVE, D J - 1968  
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EXPERIENTIA  
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EXPERIENTIA  
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ACTA HYDROBIOL  
10(4)471-497, 11 FIGS, 1 TABLE  
IN POLISH WITH ENGLISH SUMMARY
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THE ICHTHYOFAUNA OF THE RIVERS OF THE LODZ UPLAND AND ADJACENT AREAS, PART I B, THE HYDROGRAPHY AND FISHES OF THE PILICA RIVER BASIN  
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10(4)499-524, 7 FIGS, 2 TABLES  
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CAN J ZOOLOG  
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ANN ZOOLOG  
26(11)297-321, 30 FIGS, 2 TABLES  
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- 803127 TILAK, RAJ - 1968  
A NEW SPECIES OF THE GENUS LABEO CUVIER (PISCES) FROM RAJASTHAN  
ANN ZOOLOG  
26(15)351-353, 1 FIG, 1 TABLE
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LOS PECES CHILENOS Y SUS NOMBRES VULGARES  
NOTIC MENSUAL MUS NAC HIST NATUR  
12(142)7-10  
IN SPANISH
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FOLIA PARASITOL  
15(4)317-321, 4 FIGS, 1 TABLE
- 803130 MORAVEC, F - 1968  
A NEW NEMATODE GENUS, MOLNARIA GEN N (NEMATODA: SKRJABILLANIDAE)  
FOLIA PARASITOL  
15(4)322, 1 FIG
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REV TRAV INST PECHEs MARIT  
32(1)1-147, 61 FIGS
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COMP BIOCHEM PHYSIOL  
26(2)455-466, 6 FIGS, 3 TABLES
- 803133 HEISEY, S RICHARD - 1968  
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COMP BIOCHEM PHYSIOL  
26(2)489-498, 1 FIG, 3 TABLES
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26(2)553-560, 2 TABLES
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26(2)639-649, 7 FIGS, 2 TABLES
- 803136 KAMIYA, MIE; UTIDA, SEITIRO - 1968  
CHANGES IN ACTIVITY OF SODIUM-POTASSIUM-ACTIVATED ADENOSINETRIPHOSPHATASE IN GILLS DURING ADAPTATION OF JAPANESE EEL TO SEA WATER  
COMP BIOCHEM PHYSIOL  
26(2)675-685, 6 FIGS, 2 TABLES
- 803137 MANE-GARZON, FERNANDO; HOLCMAN-SPECTOR, BARBARA - 1968  
MONOGENEA DE PECES MARINOS DEL URUGUAY, I  
COMUN ZOOLOG MUS HIST NATUR MONTEVIDEO  
9(119)9P, 9 FIGS, 1 TABLE
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ZOOLOG MEDE RIIKSMUS NATUUR HIST LEIDEN

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FROM THE WEST ATLANTIC, WITH COMMENTS ON  
RELATED SPECIES  
NOTULAE NATUR (PHILADELPHIA)  
(415)12P, 1 FIG, 3 TABLES

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GASTRIC EVACUATION OF NATURAL AND UNNATURAL  
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J COLO-WYO ACAD SCI  
6(1)9

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EVACUATION IN THE PUMPKINSEED SUNFISH, LEPOMIS  
GIBBOSUS  
J COLO-WYO ACAD SCI  
6(1)10

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REPLACEMENT ON THE GROWTH RATES OF SALMONID FRY  
J COLO-WYO ACAD SCI  
6(1)10-11

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IONIC REGULATION IN MIGRATING JUVENILE COHO  
SALMON, ONCORHYNCHUS KISUTCH  
COMP BIOCHEM PHYSIOL  
26(2)381-398, 10 FIGS, 7 TABLES

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VERGLEICHENDE UNTERSUCHUNGEN UBER DEN  
SCHULTERGURTEL DER CYPRINIDAE (PISCES,  
CYPRINIFORMES)  
SENCKENBERGIANA BIOL  
49(5)387-397, 16 FIGS

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BEITRAG ZUR BIONOMIE DES FLUSSNEUNAUGES  
(LAMPETRA FLUVIATILIS (L.) FORMA PRAECOX BERG  
ACTA MUS MORAVIAE SCI NAT (BRUNN)  
53:253-256, 3 FIGS  
IN CZECH WITH GERMAN SUMMARY

- 803146 METUZALS, J; BALLINTJN-DE VRIES, G;  
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THE CORRELATION OF HISTOLOGICAL CHANGES IN THE  
ADENOHYPOPHYSIS OF THE CICHLID FISH AEQUIDENS  
PORTALEGRENSIS (HENSEL) WITH BEHAVIOUR CHANGES  
DURING THE REPRODUCTIVE CYCLE. I AND II  
KON NED AKAD WETENSCH PROC SER C BIOL MED SCI  
71(4)391-410, 6 FIGS, 2 TABLES

- 803147 TALWAR, P K - 1968  
TAXONOMIC STATUS OF SPHYRAENA ACUTIPINNIS DAY,  
1876 (SPHYRAENIDAE-PISCES)  
J NATUR HIST  
2(2)197-200, 1 FIG

- 803148 MERRETT, N R - 1968  
LEPIDOCYBIUM FLAVO-BRUNNEUM (SMITH, 1849)  
(GEMPYLIDAE) FROM THE WESTERN INDIAN OCEAN  
J NATUR HIST  
2(2)201-204, 1 FIG

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PROC U S NAT MUS  
124(3643)13P, 2 FIGS, 2 TABLES

- 803150 SCHULTZ, LEONARD P - 1968  
A NEW SUBSPECIES OF PARROTFISH NICHOLSINA USTUS  
COLLETTEI FROM THE EASTERN ATLANTIC OCEAN  
PROC U S NAT MUS  
124(3642)5P, 2 FIGS, 2 TABLES

- 803151 RICHMOND, E AVERY - 1968  
A SUPPLEMENT TO THE FAUNA AND FLORA OF HORN  
ISLAND, MISSISSIPPI  
GULF RES REP  
2(3)213-254, 12 FIGS

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MERISTIC AND MORPHOMETRIC DATA ON THE FLATFISH  
CITHARICHTHYS GILBERTI FROM PANAMA  
GULF RES REP  
2(3)325-329, 1 FIG, 5 TABLES

- 803153 BANARESCU, PETRU - 1968  
THE SYSTEMATIC POSITION OF THE NORTH AMERICAN  
CATFISH INTRODUCED IN ROMANIA'S WATERS  
STUD CERCET BIOL SER ZOOL  
20(3)261-263  
IN ROMANIAN WITH ENGLISH SUMMARY

- 803154 BANARESCU, PETRU; NALBANT, TEODOR T - 1968  
SOME NEW CHINESE MINNOWS (PISCES,  
CYPRINIFORMES)  
PROC BIOL SOC WASH  
81(36)335-346, 11 FIGS

- 803155 ANDRIYASHEV, A P; PERMITIN, J E - 1968  
TWO NEW SPECIES OF EELPOUT OF GENUS LYCENCHELYS  
GILL (PISCES, ZOARCIDAE) FROM THE BATHYAL  
DEPTHS OF THE SCOTIA SEA (ANTARCTIC)  
VOP IKHTIOL  
8(4)611-618, 4 FIGS  
IN RUSSIAN

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NEW DATA ON THE SYSTEMATICS OF GOBIES OF THE  
PONTICOLA GROUP IN CONNECTION WITH THE PROBLEM  
OF INTRASPECIFIC VARIABILITY AND SPECIES  
FORMATION  
VOP IKHTIOL  
8(4)619-627, 2 TABLES  
IN RUSSIAN

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ON THE SYSTEMATICS AND NOMENCLATURE OF GUDGEONS  
OF SUBFAMILY GOBIONINAE (PISCES, CYPRINIDAE) IN  
THE AMUR BASIN  
VOP IKHTIOL  
8(4)620-636, 1 TABLE  
IN RUSSIAN

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MULTIRAKERED WHITEFISHES OF LAKE ORON OF THE  
VITIM RIVER SYSTEM  
VOP IKHTIOL  
8(4)637-645, 7 TABLES  
IN RUSSIAN

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COMPARATIVE STUDY OF FECUNDITY OF VIMBA AND  
SHEMAIA ACCLIMATIZED IN THE SENGILEEV RESERVOIR  
VOP IKHTIOL  
8(4)646-652, 3 FIGS, 2 TABLES  
IN RUSSIAN

- 803160 SMIRNOV, A I; KAMYSHNAYA, M S; KALASHNIKOVA, Z  
M - 1968  
SIZE, BIOCHEMICAL FACTORS AND CALORIE CONTENT  
OF MATURE EGGS OF SOME FISHES BELONGING TO  
GENERA ONCORHYNCHUS AND SALMO  
VOP IKHTIOL  
8(4)653-661, 2 TABLES  
IN RUSSIAN

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SOME PECULIARITIES IN THE REPRODUCTON OF BLACK  
COD (ANAPLOPOMA FIMBRIA (PALL))  
VOP IKHTIOL  
8(4)662-668, 1 FIG, 5 TABLES  
IN RUSSIAN

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REPRODUCTION OF THE BLACK SEA GOBIES IN THE  
DNEPER-BUG LAND-LOCKED LAGOON  
VOP IKHTIOL  
8(4)669-678, 2 FIGS, 2 TABLES



- 803163** GALKINA, L A - 1968  
SURVIVAL OF EGGS AND LARVAE OF HERRING DURING  
THE PERIOD OF MASS APPROACH  
VOP IKHTIOL  
8(4)679-688, 5 FIGS, 1 TABLE  
IN RUSSIAN
- 803164** SHEKHANOVA, I A; PECHKURENKOV, V L - 1968  
ACCUMULATION OF STRONTIUM-90--YTTRIUM-90  
DISSOLVED IN WATER AND ITS EFFECT ON THE  
EMBRYONIC DEVELOPMENT OF LOACH  
VOP IKHTIOL  
8(4)689-701, 4 FIGS, 4 TABLES  
IN RUSSIAN
- 803165** LIPSKAYA, N J - 1968  
COMPARATIVE CHARACTERISTICS OF GROWTH AND  
FEEDING OF ANCHOVY (ENGRAULIS ENCRASICHOLUS (L))  
FROM THE ATLANTIC OCEAN AND THE MEDITERRANEAN  
VOP IKHTIOL  
8(4)702-709, 1 FIG, 5 TABLES  
IN RUSSIAN
- 803166** VERIGINA, I A; MEDANI, J I - 1968  
THE STRUCTURE OF THE DIGESTIVE TRACT IN  
DISTICHODUS NILOTICUS (L) AND DISTICHODUS  
ROSTRATUS (GUNT) IN RELATION TO FEEDING  
VOP IKHTIOL  
8(4)710-721, 13 FIGS, 1 TABLE  
IN RUSSIAN
- 803167** ANTISISHKINA, D M; KIRILENKO, N S; MELNIKOV, G  
B; RYABOV, F P - 1968  
DYNAMICS OF WEIGHT, CONDITION FACTOR AND BODY  
LENGTH IN TILAPIA MOSSAMBICA PETERS REARED ON  
PELLETED FEEDS CONTAINING CHLORELLA  
VOP IKHTIOL  
8(4)722-727, 3 FIGS, 1 TABLE  
IN RUSSIAN
- 803168** BIRMAN, I B; KONOVALOV, S M - 1968  
DISTRIBUTION AND MIGRATIONS AT SEA OF THE LOCAL  
STOCK OF ONCORHYNCHUS NERKA (WALBAUM) OF THE  
KURIL LAKE  
VOP IKHTIOL  
8(4)728-736, 1 FIG, 1 TABLE  
IN RUSSIAN
- 803169** LITVINOVA, N N - 1968  
THE PROTEIN COMPOSITION OF THE BLOOD SERUM OF  
THE DON AND KUBANJ POPULATIONS OF PIKE-PERCH  
(LUCIOPERCA LUCIOPERCA (L))  
VOP IKHTIOL  
8(4)737-741, 1 FIG  
IN RUSSIAN
- 803170** ABDURAKHMANOV, J I; KULIEV, Z M - 1968  
EUROPEAN EEL IN THE WATER BODIES OF  
AZERBAIDZHAN  
VOP IKHTIOL  
8(4)742-745, 3 TABLES  
IN RUSSIAN
- 803171** TRUNOV, I A - 1968  
NEW DATA ON THE DISTRIBUTION OF ELECTRONA  
RISSOI (COCCO) AND DIAPHUS OSTENFELDI TANING  
(MYCTOPHIDAE)  
VOP IKHTIOL  
8(4)745-748, 2 FIGS  
IN RUSSIAN
- 803172** TIMOSHKIN, V N - 1968  
OCCURRENCE OF ATLANTIC STURGEON (ACIPENSER  
STURIO L) AT SEA  
VOP IKHTIOL  
8(4)749  
IN RUSSIAN
- 803173** DRAPKIN, YE I - 1968  
PENETRATION OF THE KUBANJ PIKEPERCH (LUCIOPERCA  
LUCIOPERCA L) INTO THE EASTERN BLACK SEA  
(CAUCASIAN COAST)  
VOP IKHTIOL
- 803174** KUKURADZE, A M - 1968  
PECULIARITIES OF OVOGENESIS IN PIKE-PERCH  
(LUCIOPERCA LUCIOPERCA L) AND BREAM (ABRAMIS  
BRAMA L) FROM THE DANUBE  
VOP IKHTIOL  
8(4)751-756, 5 FIGS  
IN RUSSIAN
- 803175** VALEEVA, H K - 1968  
ON SPHINCTER-LIKE MECHANISMS IN THE RENAL VEINS  
OF SOME FISHES  
VOP IKHTIOL  
8(4)756-760, 5 FIGS  
IN RUSSIAN
- 803176** NASARENKO, V A - 1968  
ON HEMATOLOGICAL RESEARCH, RUTILUS RUTILUS  
FLUVIATILIS (JAKOWLEW) OF KUIBYSHEV RESERVOIR  
VOP IKHTIOL  
8(4)760-761, 1 TABLE  
IN RUSSIAN
- 803177** DYGA, A K; ZOLOTAREVA, V I - 1968  
EFFECT OF SEWAGE WATERS DISCHARGED BY  
METALLURGICAL AND METAL-WORKING INDUSTRIES ON  
THE FOOD BASIS OF FISH (ZOOPLANKTON AND  
ZOOBENTHOS) IN THE RIVERS AND WATER RESERVOIRS  
OF THE DNIPEER SYSTEM  
VOP IKHTIOL  
8(4)761-764, 2 TABLES  
IN RUSSIAN
- 803178** MOE, MARTIN A JR; LEWIS, RAYMOND H;  
INGLE, ROBERT M - 1968  
POMPANO MARICULTURE: PRELIMINARY DATA AND BASIC  
CONSIDERATIONS  
FLA STATE BOARD CONSERV TECH SER  
(55)65P, 19 FIGS, 9 TABLES
- 803179** BURNET, A M R - 1968  
A STUDY OF THE RELATIONSHIPS BETWEEN BROWN  
TROUT AND EELS IN A NEW ZEALAND STREAM  
N Z MAR DEP FISH TECH REP  
(26)51P, 11 FIGS, 17 TABLES
- 803180** HARDY, C J - 1968  
FRESHWATER FISHERIES FIELD TECHNIQUES: TAGGING;  
TRANSPORTATION; MORTALITY AND DRIFT SAMPLING  
N Z MAR DEP FISH TECH REP  
(27)35P, 7 FIGS, 2 TABLES
- 803181** MCALLISTER, D E - 1968  
POISONOUS AND VENOMOUS FISHES OF CANADA  
NAT MUS CAN NATUR HIST PAP  
(42)11P, 8 FIGS
- 803182** KROGIUS, F V - 1968  
ESTIMATION OF THE PROPORTION OF LOCAL STOCKS IN  
THE TOTAL STOCK OF RED SALMON (ONCORHYNCHUS  
NERKA (WALB) OF THE KAMCHATKA RIVER BASIN  
VOP IKHTIOL  
8(6)979-984, 2 TABLES  
IN RUSSIAN
- 803183** TUGE, HIDEOMI; KIYOSHI, UCHIHASHI;  
HATSUTARO, SHIMAMURA - 1968  
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- 803184** SHUNTOV, V P - 1968  
QUANTITATIVE SURVEY OF FLYING FISH IN THE  
EASTERN INDIAN OCEAN  
VOP IKHTIOL  
8(6)985-991, 1 FIG, 3 TABLES  
IN RUSSIAN
- 803185** SEROBABA, I I - 1968  
ON THE SPAWNING OF ALASKA POLLACK THERAGRA  
CHALCOGRAMMA (PALLAS) IN THE NORTHEASTERN

- 803186 - 803209
- BERING SEA**  
VOP IKHTIOL  
8(6)992-1003, 6 FIGS, 3 TABLES  
IN RUSSIAN
- 803186 ANUKHINA, A M - 1968  
ON THE QUALITY OF EGGS OF THE WHITE SEA NAVAGA  
IN RELATION TO THE ABUNDANCE OF OFFSPRING  
VOP IKHTIOL  
8(6)1004-1008, 3 FIGS, 3 TABLES  
IN RUSSIAN
- 803187 KOZLOVSKY, D A - 1968  
RESORPTION OF SEX PRODUCTS IN FISH AS A  
STIMULUS OF CHANGES IN THEIR BIOLOGY  
VOP IKHTIOL  
8(6)1009-1014, 1 TABLE  
IN RUSSIAN
- 803188 PARIN, N V; POKHILJSKAYA, G N - 1968  
ON THE AGE VARIABILITY AND DISTRIBUTION OF A  
RARE OCEAN FISH EUMECICATHYS FISKI (PISCES,  
LOPHOTIDAE)  
VOP IKHTIOL  
8(6)1015-1021, 3 FIGS, 2 TABLES  
IN RUSSIAN
- 803189 KLYUCHAREVA, O A; SVETOVIDOVA, A A - 1968  
GROWTH OF FISH IN RELATION TO THE PECULIARITIES  
OF FOOD RESOURCES IN THE LAKES OF THE SOUTH  
SAKHALIN REGION  
VOP IKHTIOL  
8(6)1022-1033, 10 TABLES  
IN RUSSIAN
- 803190 MUSATOV, A P; OSOKINA, N G - 1969  
CHANGES IN THE SIZE COMPOSITION AND ABUNDANCE  
OF BREAM IN THE ISTRA RESERVOIR  
VOP IKHTIOL  
8(6)1034-1040, 1 FIG, 9 TABLES  
IN RUSSIAN
- 803191 SHAMARDINA, I P - 1968  
GROWTH OF MAIN FISH SPECIES IN LAKE GLUBOKOE  
VOP IKHTIOL  
8(6)1041-1047, 2 FIGS, 4 TABLES  
IN RUSSIAN
- 803192 KANAYAMA, YUKITAKA; TUGE, HIDEOMI - 1968  
ON THE USE IN FISHERIES OF THE DEFENSIVE  
CONDITIONED REFLEX DEVELOPED BY YOUNG CHUM  
SALMON  
VOP IKHTIOL  
8(6)1048-1051, 2 FIGS, 2 TABLES  
IN RUSSIAN
- 803193 LESHCHEVA, T S - 1969  
THE DEVELOPMENT BY ROACH (RUTILUS RUTILUS L.)  
LARVAE OF DEFENSIVE REFLEXES THROUGH IMITATION  
VOP IKHTIOL  
8(6)1052-1056, 1 FIG  
IN RUSSIAN
- 803194 ZUEV, G V; KUDRYASHOV, A F - 1968  
ON THE MANOEUVREABILITY OF AQUATIC ANIMALS  
VOP IKHTIOL  
8(6)1057-1062, 3 FIGS  
IN RUSSIAN
- 803195 KARPEVICH, A F; LUKONINA, N K - 1968  
TRANSPLANTATION OF FISH AND AQUATIC  
INVERTEBRATES IN 1965  
VOP IKHTIOL  
8(6)1063-1079, 5 TABLES  
IN RUSSIAN
- 803196 BYKOV, N E; GAVRILOV, G B; ELIBAEV, N E;  
KORTUNOVA, T A; MARKOVA, E L; NOVOKOSHONOV, Y  
D; SARAEV, S; YABLONSKAYA, E A - 1968  
FISH PRODUCTIVITY OF THE ARAL SEA FROM THE  
PRESENT STATE OF ITS FOOD RESOURCES  
VOP IKHTIOL  
8(6)1080-1086, 1 FIG, 9 TABLES  
IN RUSSIAN
- 803197 DRYGIN, P A; KUDERSKY, L A; PIROZHNIKOV, P L;  
POKROVSKY, V V - 1968  
IN MEMORIAM OF PROFESSOR BORIS SOZONTOVICH  
LUKASH (1887-1968)  
VOP IKHTIOL  
8(6)1087-1090, 1 FIG  
IN RUSSIAN
- 803198 BURDAK, V D - 1968  
ON CHANGES IN THE RELATIVE SIZE OF MAXILLARY  
APPARATUS IN FISH IN RELATION TO AGE  
VOP IKHTIOL  
8(6)1091-1094, 8 FIGS  
IN RUSSIAN
- 803199 PODLESNY, A V; SESYAGIN, S M - 1968  
THE ENISEY 'PELED' COREGONUS PELED (GMEL)  
VOP IKHTIOL  
8(6)1094-1096, 2 FIGS  
IN RUSSIAN
- 803200 SHILOV, V I - 1968  
ON THE SPAWNING OF ACIPENSERIDAE IN THE  
HEADWATERS OF VOLGOGRAD POWER STATION IN 1966  
VOP IKHTIOL  
8(6)1097-1099, 1 FIG, 3 TABLES  
IN RUSSIAN
- 803201 SAVOSTYANOVA, G G - 1968  
TAGGING OF RAINBOW TROUT  
VOP IKHTIOL  
8(6)1099-1102, 2 TABLES  
IN RUSSIAN
- 803202 SOROKIN, V N - 1968  
MATERIAL ON THE BIOLOGY OF PERCH, DACE AND IDE  
FROM NORTHERN BAIKAL LAKES  
VOP IKHTIOL  
8(6)1105-1110, 6 FIGS, 3 TABLES  
IN RUSSIAN
- 803203 BANARESCU, PETRU - 1968  
REMARKS ON THE GENUS CHELA HAMILTON-BUCHANAN  
(PISCES, CYPRINIDAE) WITH DESCRIPTION OF A NEW  
SUBGENUS  
ANN MUS CIVICO STORIA NATUR GENOVA  
77:53-64, 8 FIGS
- 803204 REGAN, JAMES D; SIGEL, M MICHAEL; LEE, WILLIAM  
H; LLAMAS, KIRSTEN A; BEASLEY, ANNIE R - 1968  
CHROMOSOMAL ALTERATIONS IN MARINE FISH CELLS IN  
VITRO  
CAN J GENET CYTOL  
10(2):448-453, 5 FIGS
- 803205 BERRY, FREDERICK H; WHITEHEAD, PETER J P - 1968  
A NEW SPECIES OF SARDINE (SARDINELLA,  
CLUPEIDAE) FROM THE MARQUESAS ISLANDS  
PROC BIOL SOC WASH  
81(25):209-222, 6 FIGS
- 803206 RACHLIN, JOSEPH WOLFE; PERLMUTTER, ALFRED  
1968  
FISH CELLS IN CULTURE FOR STUDY OF AQUATIC  
TOXICANTS  
WATER RES  
2:409-414, 2 TABLES
- 803207 BUHLER, DONALD R; RASMUSSEN, MARY E - 1968  
REDUCTION OF P-NITROBENZOIC ACID BY FISHES  
ARCH BIOCHEM BIOPHYS  
124(1/2/3):582-595, 6 FIGS, 12 TABLES
- 803208 FALUDI, B - 1968  
SOME CONNECTIONS BETWEEN THE SCIENCE OF  
MOLECULAR EVOLUTION AND PALEONTOLOGY  
BIOL KOZLEMENYEK  
16(1):39-50, 3 FIGS, 3 TABLES  
IN HUNGARIAN WITH ENGLISH SUMMARY
- 803209 SCHULTZ, R JACK; KALLMAN, KLAUS D - 1968  
TRIPLOID HYBRIDS BETWEEN THE ALL-FEMALE TELEOST  
POECILIA FORMOSA AND POECILIA SPHENOPS

	NATURE 219(5151)280-282, 2 FIGS, 2 TABLES	803223	SARODNIK, W; MENZEL, H U - 1968 ZUR ERSCHLIESSUNG DER PRODUKTIONSRESERVEN IN DEN KARPFFENTEICHWIRTSCHAFTEN DURCH ERHOHUNG DES PRODUKTIONSNIWEAUS NACH DEM VORBILD DER BESTEN DEUT FISCH ZTG 15(4)89-100, 11 TABLES	803210 - 803236
803210	HALSTEAD-TARLO, L B - 1968 BONE VERSUS CARTILAGE - A STUDY IN EVOLUTION CALCIFIED TISSUE RES SUPPL TO VOL 2 78			
803211	COPP, D HAROLD; LOW, BOBBI S; O'DOR, RONALD K; PARKES, C OWEN - 1968 CALCITONIN IN NON-MAMMALS CALCIFIED TISSUE RES SUPPL TO VOL 2 29-29A, 2 FIGS	803224	MULLER, W; MERLA, GUNTER - 1968 ERTRAGSSTEIGERUNG DURCH VERFUTTERUNG VON PELLETS IN KARPFFENTEICHEN 1967 DEUT FISCH ZTG 15(4)101-112, 6 FIGS, 8 TABLES	
803212	WAGER, VINCENT A - 1968 DESTRUCTION BY TILAPIA AFR WILDLIFE 22(4)328-338, 9 FIGS	803225	ANWAND, K - 1968 DIE REGULIERUNG DES FISCHBESTANDES DURCH MELIPAX-SPRITZMITTEL 50% DEUT FISCH ZTG 15(4)113-118, 7 FIGS	
803213	MACNAE, WILLIAM - 1968 MUDSKIPPERS AFR WILDLIFE 22(3)240-248, 7 FIGS	803226	BLUME, H W - 1968 DIE AUFGABEN DER VVB BINNENFISCHEREI IM EINHEITLICHEN REPRODUKTIONSPROZESS DER LANDWIRTSCHAFT UND NAHRUNGSGUTERWIRTSCHAFT ZUR DURCHSETZUNG DER BESCHLUSSE DES VII, PARTEITAGES DER SED DEUT FISCH ZTG 15(4)156-184, 2 FIGS, 2 TABLES	
803214	JILLETT, J B - 1968 THE BIOLOGY OF ACANTHOCLINUS QUADRIDACTYLUS (BLOCH AND SCHNEIDER) (TELEOSTEI-BLENNIOIDEA), I, AGE, GROWTH, AND FOOD AUST J MAR FRESHWATER RES 19(1)1-8, 5 FIGS, 1 TABLE	803227	BLUME, H W - 1968 ANWENDUNG DES OKONOMISCHEN SYSTEMS IN DER BINNENFISCHEREI ZUR SCHNELLEREN STEIGERUNG DER FEINFISCHPRODUKTION DEUT FISCH ZTG 15(12)311-318	
803215	JILLETT, J B - 1968 THE BIOLOGY OF ACANTHOCLINUS QUADRIDACTYLUS (BLOCH AND SCHNEIDER) (TELEOSTEI-BLENNIOIDEA) II. BREEDING AND DEVELOPMENT AUST J MAR FRESHWATER RES 19(1)9-18, 5 FIGS, 2 TABLES	803228	STEFFENS, W - 1968 NEUERE JAPANISCHE ERGEBNISSE BEI DER INTENSIVEN KARPFFENAUFZUCHT IN KAFIGEN UND KREISLAUFANLAGEN DEUT FISCH ZTG 15(12)323-328, 5 TABLES	
803216	KALLMAN, KLAUS D - 1968 GENETIC PHENOMENON, THE FORMOSA MOLLY ANIM KINGDOM 71(4)13-19, 9 FIGS	803229	LIEDER, U - 1968 KV-SELEKTION FUR DIE INDUSTRIEMASSIGE SATZKARPFFENPRODUKTION DEUT FISCH ZTG 15(12)329-330	
803217	STEFFENS, W - 1968 FISCHEREI UND FISCHEREIFORSCHUNG IN DER CSSR DEUT FISCH ZTG 15(2)33-53, 22 FIGS	803230	JEROCH, H - 1968 NEUERE ERKENNTNISSE IN DER FUTTERUNG VON ZUCHT- UND MASTENTEN DEUT FISCH ZTG 15(12)331-339, 15 TABLES	
803218	JAHNICHEN, H - 1968 UBER DIE KUNSTLICHE VERMEHRUNG PFLANZENFRESSENDER FISCH DEUT FISCH ZTG 15(3)57-66, 17 FIGS	803231	BOLTON, FRANK E - 1968 THE BLACK CRAPPIE N J OUTDOORS 18(12)2-7, 2 FIGS	
803219	MENZEL, H U; SARODNIK, W - 1968 NATURALKENNZAHLENSYSTEM FUR DIE ANALYSE DES HAUPTPRODUKTIONSZWEIGES FISCHPRODUKTION VON KARPFFENTEICHWIRTSCHAFTEN DEUT FISCH ZTG 15(3)66-72, 1 TABLE	803232	ANONYMOUS - 1968 SMALLMOUTH BASS VS LARGEMOUTH BASS N J OUTDOORS 18(12)19, 4 FIGS	
803220	MULLER, H - 1968 WAS IST BEIM BESETZEN UNSERER GEWASSER MIT GLAS- UND SATZAALEN ZU BEACHTEN? DEUT FISCH ZTG 15(3)72-74	803233	STEWART, ROBERT W - 1968 CHANNEL CATFISH. THE KING OF NEW JERSEY CATFISH N J OUTDOORS 18(11)2-7, 4 FIGS	
803221	SCHAPERCLAUS, W - 1968 ERFOLGREICHE DREIJAHRIG STICKSTOFFDUNGUNG IN DEN KAUPPAER VERSUCHSTEICHEN 1965-1967 DEUT FISCH ZTG 15(3)74-83, 6 TABLES	803234	ANONYMOUS - 1968 STATE RECORD FISH N J OUTDOORS 18(11)14-21, 2 FIGS, 1 TABLE	
803222	MULLER, W; MERLA, GUNTER - 1968 GUNSTIGE NACHWIRKUNG DER PELLETVERFUTTERUNG WAHREND DER K2-AUFZUCHT IM NACHFOLGENDEN ABWACHSJAHR DEUT FISCH ZTG 15(3)83-86, 1 FIG	803235	MCDOWALL, R M - 1968 GALAXIAS MACULATUS (JENYNS), THE NEW ZEALAND WHITEBAIT N Z MAR DEP FISH RES BULL (NS) (2)84P, 43 FIGS, 8 TABLES	
		803236	CAVENDER, TED M - 1968 FRESHWATER FISH REMAINS FROM THE CLARNO	



- FORMATION OCHOCO MOUNTAINS OF NORTH-CENTRAL OREGON**  
ORE BIN (PORTLAND)  
30(7)125-141, 5 FIGS
- 803237** POLLARA, B; SURAN, A; FINSTAD, J; GOOD, R A  
1968  
**N-TERMINAL AMINO ACID SEQUENCES OF IMMUNOGLOBULIN CHAINS IN POLYODON SPATHULA**  
PROC NAT ACAD SCI USA  
59(4)1307-1312, 2 FIGS, 1 TABLE
- 803238** APFELBACH, R - 1968  
**TILAPIA NILOTICA (CICHLIDAE) BALZ**  
ENCYCL CINEMATOGRAFICA (GOTTINGEN)  
E1208:385-389  
WITH ENGLISH SUMMARY
- 803239** APFELBACH, R - 1968  
**TILAPIA NILOTICA (CICHLIDAE) LAICHABLAG**  
ENCYCL CINEMATOGRAFICA (GOTTINGEN)  
E1157:391-395  
WITH ENGLISH SUMMARY
- 803240** APFELBACH, R - 1968  
**TILAPIA ZILLII (CICHLIDAE) KAMPF ZWEIER MANNCHEN**  
ENCYCL CINEMATOGRAFICA (GOTTINGEN)  
E1126:377-384, 4 FIGS  
WITH ENGLISH SUMMARY
- 803241** BALDRIDGE, H DAVID JR - 1968  
**A PROPOSED REFERENCE SHARK**  
MIL MED  
133(8)654-662, 3 FIGS, 3 TABLES
- 803242** ELSON, K G R - 1968  
**SALMON DISEASE IN SCOTLAND**  
SALMON NET  
(4)1-9, 3 FIGS, 1 TABLE
- 803243** GELLER, NAOMI - 1968  
**RESEARCH ON MEMORY**  
RES NEWS OFFICE RES ADMIN UNIV MICH  
18(12)6P, 4 FIGS
- 803244** PETERS, JAMES A; COLLETTE, BRUCE B - 1968  
**THE ROLE OF TIME-SHARE COMPUTING IN MUSEUM RESEARCH**  
CURATOR  
11(1)65-75, 4 FIGS
- 803245** BANARESCU, PETRU - 1968  
**A REVISED LIST OF THE FISHES OF ROMANIA**  
BUL INST CERCET PROIECT PISCIC  
27(3)53-61  
IN ROMANIAN WITH ENGLISH SUMMARY
- 803246** TAVOLGA, WILLIAM N - 1968  
**FISHES**  
IN ANIMAL COMMUNICATION, T S SCHEOK (ED)  
INDIANA UNIVERSITY PRESS: BLOOMINGTON, INDIANA
- 803247** FORNEY, JOHN L - 1968  
**RAISING BAIT FISH AND CRAYFISH IN NEW YORK PONDS**  
N Y STATE COLL AGR CORNELL EXT BULL  
(986)31P, 14 FIGS, 4 TABLES
- 803248** LOPINOT, A C - 1968  
**POND FISH AND FISHING IN ILLINOIS**  
ILL DEP CONSERV FISH BULL  
(5)64P, ILLUS
- 803249** HECKER, GOTTFRIED - 1968  
**WIEDER EIN GANZ NEUER: PELMATOCHROMIS THOMASI**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(2)44-45
- 803250** KRIETSCH, PETER - 1968  
**EINE ICHTHYOLOGISCHE KOSTBARKEIT PROTOPTERUS AMPHIBIUS (PETERS 1844)**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(2)56-60, 4 FIGS
- 803251** MEINKEN, HERMANN - 1968  
**PELMATOCHROMIS TAENIATUS BOULENGER 1901, EIN UNTERSUCHUNGSBEFUND**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(2)62-63, 2 FIGS, 2 TABLES
- 803252** WIEFEL, GERHARD; HEIDRICH, SIEGFRIED; BECH, REINHOLD - 1968  
**EIN NEUER APHYOSEMION AUS GUINEA**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(3)90-93, 3 FIGS
- 803253** ZUKAL, RUDA - 1968  
**SO LAICHT CICHLASOMA MEEKI**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(3)92-93, 6 FIGS, 1 TABLE
- 803254** LERCH, KURT - 1968  
**DAS GERUCHSORGAN DER FISCHE**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(3)94-97, 14 FIGS
- 803255** VAN DEN NIEUWENHUIZEN, AREND - 1968  
**CICHLASOMA MEEKI, DER FEUERMAULBUNTBARSCHE**  
AQUARIEN TERRARIEN Z  
21(7)196-200, 2 FIGS
- 803256** PENZES, BETHEN; TOLG, I - 1968  
**DIE NEUGEBURT DES 1000JAHRIGEN GOLDFISCHE**  
AQUARIEN TERRARIEN Z  
21(7)201-204, 5 FIGS
- 803257** ZUKAL, RUDA - 1968  
**DIE PRACHTGLANZBARBE, BARBUS ARULIUS**  
AQUARIEN TERRARIEN Z  
21(7)208-209, 12 FIGS
- 803258** PANKONIN, ERNST - 1968  
**BRUTPFLEGEVERHALTEN BEI PELMATOCHROMIS CAMERUNENSIS**  
AQUARIEN TERRARIEN Z  
21(7)210-211, 1 FIG
- 803259** LEE, JEAN-YONGCHUL - 1968  
**SPAWNING THE BITTERLING**  
PETFISH MONTHLY  
3(3)106
- 803260** CLARK, JOHN B - 1968  
**GREY MULLET IN THE AQUARIUM**  
PETFISH MONTHLY  
3(3)107-108, 1 FIG
- 803261** KELLY, JIM - 1968  
**FANCY GUPPIES**  
PETFISH MONTHLY  
3(3)SUPPL 8P, 2 FIGS
- 803262** BACKUS, R H; CRADDOCK, JAMES E; HAEDRICH, RICHARD L; SHORES, D L; TEAL, J M; WING, A S; MEAD, G W; CLARKE, W D - 1968  
**CERATOSCOPELUS MADERENSIS: PECULIAR SOUND-SCATTERING LAYER IDENTIFIED WITH THIS MYCTOPHID FISH**  
SCIENCE  
160(3831)991-993, 4 FIGS
- 803263** BARDACH, JOHN E - 1968  
**AQUACULTURE**  
SCIENCE

	161(3846)1098-1106, 9 FIGS, 1 TABLE	803277	KHAWAJA, D K; JAFRI, A K - 1968 CHANGES IN THE BIOCHEMICAL COMPOSITION OF TWO COMMON CATFISHES (WALLAGONIA ATTU BLOCH AND MYSTUS SEENGHALA SYKES) IN RELATION TO LENGTH HYDROBIOLOGIA 32(1/2)245-256, 6 FIGS, 4 TABLES	803264 - 803290
803264	SALZINGER, KURT; FREIMARK, STEVEN J; FAIRHURST, STEPHEN P; WOLKOFF, F DMITRI - 1968 CONDITIONED REINFORCEMENT IN THE GOLDFISH SCIENCE 160(3835)1471-1472, 3 FIGS	803278	TESTER, ALBERT L; KENDALL, JAMES I - 1968 CUPULAE IN SHARK NEUROMASTS: COMPOSITION, ORIGIN, GENERATION SCIENCE 160(3829)772-774, 6 FIGS	
803265	BRITTEN, R J; KOHNE, D E - 1968 REPEATED SEQUENCES IN DNA SCIENCE 161(3841)529-540, 13 FIGS, 2 TABLES	803279	HARDY, ERIC - 1968 THE BOTTOM-FEEDING BURBOT AQUARIST PONDKPR 33(3)424-425, 1 FIG	
803266	RUBINOFF, IRA - 1968 CENTRAL AMERICAN SEA-LEVEL CANAL: POSSIBLE BIOLOGICAL EFFECTS SCIENCE 161(3844)857-861, 3 FIGS	803280	HEMS, JACK - 1968 THE BLOODFIN (APHYOCHARAX RUBRIPINNIS) AQUARIST PONDKPR 33(3)437	
803267	HEIZER, ROBERT F - 1968 MIGRATORY ANIMALS AS DISPERSAL AGENTS OF CULTURAL MATERIALS SCIENCE 161(3844)914-915	803281	NATARAJAN, R; SUBRAHMANYAM, K - 1968 A PRELIMINARY STUDY ON THE CHROMOSOMES OF TILAPIA MOSSAMBICA (PETERS) CURR SCI 39(9)262-263, 4 FIGS	
803268	WATKINS, D; COOPERSTEIN, S J; DIXIT, P K; LAZAROW, A - 1968 INSULIN SECRETION FROM TOADFISH ISLET TISSUE STIMULATED BY PYRIDINE NUCLEOTIDES SCIENCE 162(3850)283-284, 2 FIGS	803282	BARDACH, JOHN E; TODD, JOHN H - 1968 CHEMISCHE SIGNALE DIENEN DER VERSTANDIGUNG ZWISCHEN FISCHEN UMSCH WISS TEC 68(17)538-539, 2 FIGS	
803269	MATSUURA, S; IKEDA, K; FURUKAWA, T - 1968 OUABAIN AND STREPTOMYCIN: THEIR DIFFERENT LOCI OF ACTION ON SACCHARIN HAIR CELLS IN GOLDFISH SCIENCE 160(3832)1117-1119, 1 FIG	803283	FANGE, RAGNAR; GIDHOLM, LENNART - 1968 A MACROPHAGE SYSTEM IN MYXINE GLUTINOSA L NATURWISSENSCHAFTEN 55(1)44, 1 FIG	
803270	FUJII, RYOZO; NOVALES, RONALD R - 1968 TETRODOTOXIN: EFFECTS ON FISH AND FROG MELANOPHORES SCIENCE 160(3832)1123-1124, 1 FIG, 1 TABLE	803284	JOCHUM, F; MARTENS, R - 1968 ANDERUNG DER RETINAHÖHE BEI DER DUNKELADAPTION BEIM BARSCH NATURWISSENSCHAFTEN 55(12)655, 1 FIG	
803271	LEE, JEAN-YONGCHUL - 1968 THE CROAKING GOURAMI PETFISH MONTHLY 3(5)194-196, 4 FIGS	803285	KORTING, W - 1968 VORKOMMEN VON SPINDELZELLEN IM BLUT DER FISCHE NATURWISSENSCHAFTEN 55(4)185, 1 FIG	
803272	MCGREGOR, JOHN F; NEWCOMBE, HOWARD B - 1968 MAJOR MALFORMATIONS IN TROUT EMBRYOS IRRADIATED PRIOR TO ACTIVE ORGANOGENESIS RADIAT RES 35(2)282-300, 22 FIGS, 11 TABLES	803286	PRIOR, I A M; WEBBER, W L; ALEXANDER, W S; BARCLAY, S DE C - 1968 CALCIFIC HEART DISEASE IN NEW ZEALAND BROWN TROUT NATURE 220(5164)261-262, 1 FIG, 1 TABLE	
803273	WHITTAKER, FRED H; HILL, LOREN G - 1968 PROTEOCEPHALUS CHOLOGASTERI SP N (CESTODA:PROTEOCEPHALIDAE) FROM THE SPRING CAVEFISH CHOLOGASTER AGASSIZI PUTMAN, 1782 (PISCES: AMBLYOPSIDAE) OF KENTUCKY PROC HELMINTHOL SOC WASH 35(1)15-18, 3 FIGS, 1 TABLE	803287	YASARGIL, G M; DIAMOND, J - 1968 STARTLE-RESPONSE IN TELEOST FISH: AN ELEMENTARY CIRCUIT FOR NEURAL DISCRIMINATION NATURE 220(5164)241-243, 3 FIGS	
803274	HOLLOWAY, HARRY L JR; BIER, JEFFREY W - 1968 HELICOMETRA ANTARCTICAE SP NOV FROM ANTARCTIC COASTAL FISHES PROC HELMINTHOL SOC WASH 35(1)30-34, 8 FIGS, 1 TABLE	803288	RIGBY, B J - 1968 AMINO-ACID COMPOSITION AND THERMAL STABILITY OF THE SKIN COLLAGEN OF THE ANTARCTIC ICE-FISH NATURE 219(5150)166-167, 2 TABLES	
803275	PRICE, CHARLES E; BUSSING, W A - 1968 MONOGENEAN PARASITES OF COSTA RICAN FISHES, II, PROPOSAL OF PALOMBITREMA HETEROANCISTRUM N GEN, N SP PROC HELMINTHOL SOC WASH 35(1)54-57, 13 FIGS	803289	SAVAGE, G E - 1968 TEMPORAL FACTORS IN AVOIDANCE LEARNING IN NORMAL AND FOREBRAINLESS GOLDFISH (CARASSIUS AURATUS) NATURE 218(5147)1168-1169, 4 FIGS	
803276	MEYER, MARVIN C; VIK, ROLF - 1968 OBSERVATIONS ON DIPHYLLOBOOTHRIUM SEBAGO PLEROCERCIDS IN THE FISH HOSTS PROC HELMINTHOL SOC WASH 35(1)92-96, 2 FIGS, 1 TABLE	803290	CUSHING, D H; JONES, F R HARDEN - 1968 WHY DO FISH SCHOOL? NATURE 218(5145)918-920	

- 803291 - 803316
- 803291 CARBERY, J T; STRICKLAND, K L - 1968  
RESISTANCE OF RAINBOW TROUT TO ULCERATIVE  
DERMAL NECROSIS  
NATURE  
217(5134)1158
- 803292 PRAWOCHENSKY, R; KOLDER, W - 1968  
SYNOPSIS OF BIOLOGICAL DATA ON HUCHO HUCHO  
(LINNAEUS, 1758)  
FAO (FOOD AGR ORGAN U N) FISH SYNOPSIS  
(22)SUPPL 1:25P, 10 FIGS, 2 TABLES
- 803293 JHINGRAN, V G - 1968  
SYNOPSIS OF BIOLOGICAL DATA ON CATLA CATLA  
CATLA (HAMILTON, 1822)  
FAO (FOOD AGR ORGAN U N) FISH SYNOPSIS  
(32)REV 1:85P, 11 FIGS, 34 TABLES
- 803294 PFEIFFER, WOLFGANG - 1968  
DIE FAHRENHOLZSCHEN ORGANE DER DIPNOI UND  
BRACHIOPTERYGII  
Z ZELLFORSCH  
90(1)127-147, 9 FIGS  
WITH ENGLISH SUMMARY
- 803295 BREDER, CHARLES M JR - 1968  
SEASONAL AND DIURNAL OCCURRENCES OF FISH SOUNDS  
IN A SMALL FLORIDA BAY  
BULL AMER MUS NATUR HIST  
138(6)325-378, 24 FIGS, 17 TABLES
- 803296 MAGERAMOV, CH M - 1968  
PRELIMINARY RESULTS OF HATCHERY REPRODUCTION OF  
ACIPENSERIDAE IN THE CASPIAN SEA  
VOP IKHTIOL  
8(6)1102-1105, 2 TABLES  
IN RUSSIAN
- 803297 PILCHER, K S; KLEEMAN, KARL T; FRYER, JOHN L  
1968  
GROWTH AND GLYCOLYSIS IN TWO CELL LINES DERIVED  
FROM EMBRYOS OF SALMONID FISH  
PROC SOC EXP BIOL MED  
127(3)659-664, 4 FIGS, 1 TABLE
- 803298 HNIDZO, A Z - 1968  
NEJSLAVNEJSI JIHOCESKY RYBNIK JORDAN V TABORE  
ZIVA  
16(5)189-191, 6 FIGS
- 803299 OBRHELOVA, NADEZDA - 1968  
MINULOST KAPROVITYCH RYB CESHOSLOVENSKA  
ZIVA  
16(4)144-145, 5 FIGS
- 803300 KALLMAN, KLAUS D - 1968  
EVIDENCE FOR THE EXISTENCE OF TRANSFORMER GENES  
FOR SEX IN THE TELEOST XIPHOPHORUS MACULATUS  
GENETICS  
60(4)811-828, 9 TABLES
- 803301 CHUBA, JOSEPH V; KUHNS, WILLIAM J;  
NIGRELLI, ROSS F - 1968  
THE USE OF CATFISH, ICTALURUS NEBULOSUS (LE  
SUEUR), AS EXPERIMENTAL ANIMALS FOR  
IMMUNIZATION WITH HUMAN SECRETOR SALIVA AND  
OTHER ANTIGENIC MATERIALS  
J IMMUNOL  
101(1)1-5, 3 TABLES
- 803302 EVERSON, INIGO; RALPH, R - 1968  
BLOOD ANALYSIS OF SOME ANTARCTIC FISH  
BRIT ANTARCTIC SURV BULL  
(15)59-62, 3 TABLES
- 803303 EDELHAUSER, HENRY F; SIEGESMUND, KENNETH A  
1968  
THE LOCALIZATION OF SODIUM IN THE TELEOST  
CORNEA  
INVEST OPHTHALMOL  
7(2)147-155, 11 FIGS
- 803304 GILBERT, PERRY W - 1968  
THE SHARK: BARBARIAN AND BENEFACITOR  
BIOSCIENCE  
18(10)946-950, 6 FIGS
- 803305 MEADOWS, B S - 1968  
ON THE OCCURRENCE OF THE GUPPY LEBISTES  
RETICULATUS IN THE RIVER LEE  
ESSEX NATUR  
32(2)186-189, 2 TABLES
- 803306 SMITH, J L B - 1968  
STUDIES IN CARANGID FISHES NO 4. THE IDENTITY  
OF SCOMBER SANSUN FORSSKAL, 1775  
OCCAS PAP DEP ICHTHYOL RHODES UNIV  
(15)173-184, 2 FIGS, 3 TABLES
- 803307 CASTLE, P H J - 1968  
A CONTRIBUTION TO A REVISION OF THE MORINGUID  
EELS  
SPEC PUBL DEP ICHTHYOL RHODES UNIV  
(3)29P, 3 FIGS, 1 TABLE
- 803308 CASTLE, P H J - 1968  
DESCRIPTION AND OSTEOLOGY OF A NEW EEL OF THE  
GENUS BATHYMYRUS FROM OFF MOZAMBIQUE  
SPEC PUBL DEP ICHTHYOL RHODES UNIV  
(4)12P, 2 FIGS
- 803309 DURAND, J P - 1968  
ETUDE DES POISSONS RECOLTES DANS LA GROTTTE DE  
UMAYALANTA (BOLIVIE), TRICHOMYCTERUS CHABERTI  
SP N  
ANN SPELEOL  
23(2)343-353, 4 FIGS
- 803310 CASTLE, P H J - 1968  
EGGS AND EARLY LARVAE OF THE CONGRID EEL  
GNATHOPHIS CAPENSIS OFF SOUTHERN AFRICA  
SPEC PUBL DEP ICHTHYOL RHODES UNIV  
(5)5P, 1 FIG
- 803311 KNOPPEL, HANS-ARMIN; JUNK, WOLFGANG;  
GERY, JACQUES - 1968  
BRYCONOPS (CREATOCHANES) INPAI, A NEW CHARACOID  
FISH FROM THE CENTRAL AMAZON REGION, WITH A  
REVIEW OF THE GENUS BRYCONOPS  
AMAZONIANA  
1(3)231-246, 6 FIGS, 3 TABLES
- 803312 SALVATORE, F; ZAPPAL, V; SHAPIRO, S K - 1968  
QUANTITATIVE ANALYSIS OF S-ADENOSYLHOMOCYSTEINE  
IN LIVER  
BIOCHIM BIOPHYS ACTA  
158(3)461-464, 2 TABLES
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- 803314 WEIS, JUDITH SHULMAN - 1968  
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TELEOST FISHES  
EXPERIENTIA  
24(7)736-737, 1 FIG
- 803315 DERBIN, CLAUDE; SZABO, THOMAS - 1968  
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(KNOLLENORGAN) IN THE MORMYRID FISH GNATHONEMUS  
PETERSII, I  
J ULTRASTRUCT RES  
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- 803316 ELDRED, BONNIE - 1968  
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ATLANTICUS VALENCIENNES, FROM THE GULF OF  
MEXICO  
PT 1 FLA BOARD CONSERV DIV SALT WATER FISH MAR  
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(7)2P



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803318	ELDRED, BONNIE - 1968 THE EEL LARVA, <i>LEPTOCEPHALUS MORINGUA EDWARDSI</i> (JORDAN AND BOLLMAN, 1889) ( <i>MORINGUIDAE</i> ) IN THE FLORIDA STRAITS FLA BOARD CONSERV DIV SALT WATER FISH MAR LAB LEAFL 4, PT 1 (6)5P, 1 FIG	803330 SKAZKINA, YE P; KOSTYUCHENKO, V A - 1968 FOOD CONSUMPTION OF THE AZOV GOBY ( <i>NEOGOBIOUS MELANOSTOMUS</i> (PALLAS)) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)238-245, 2 FIGS, 4 TABLES	
803319	PODLESNY, A V - 1968 THE FUNDAMENTAL DIFFERENCE BETWEEN MIGRATORY AND NONMIGRATORY TELEOST FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)165-168, 1 FIG	803331 KHALILOV, F KH - 1968 SOME MATERIAL ON THE HISTOLOGY AND HISTOCHEMISTRY OF THE PANCREAS AND LIVER OF TELEOST FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)246-249, 4 FIGS	
803320	GAYGALAS, K S; MATSKEVICHYUS, A P - 1968 FISHING FOR THE RIVER LAMPREY ( <i>LAMPETRA FLUVIATILIS</i> (L)) IN THE BASIN OF THE NYAMUNAS RIVER; SOME FEATURES AND POTENTIALITIES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)169-176, 6 TABLES	803332 PAVLOV, D S; SBIKIN, YU N; MOCHEK, A D - 1968 THE EFFECT OF ILLUMINATION IN RUNNING WATER ON THE SPEED OF FISHES IN RELATION TO FEATURES OF THEIR ORIENTATION PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)250-254, 2 FIGS, 3 TABLES	
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803322	TITOVA, K N - 1968 SALMONIDAE AND COREGONIDAE OF THE LENA RIVER: THE PRESENT STATE OF STOCKS AND RATIONAL FISHING PRINCIPLES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)184-189, 5 TABLES	803334 IVASIK, V M - 1968 THE CENTER OF DISTRIBUTION OF THE CARP AND ITS PARASITE FAUNA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)269-275, 1 FIG, 1 TABLE	
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803324	NOVOKOSHONOV, Y D - 1968 THE ROLE OF THE PIKE-PERCH ( <i>LUCIOPERCA LUCIOPERCA</i> (L)) IN BIOLOGICAL MELIORATION OF THE ARAL SEA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)193-198, 1 FIG, 4 TABLES	803336 STREKALOVA, I I - 1968 MARINE FISH REARING EXPERIMENTS PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)281-284, 2 TABLES	
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		803342 ALEKPEROV, A P - 1968 AN ANALYSIS OF THE POPULATION OF THE KURA STURGEON ( <i>ACIPENSER GULDENSTADTI PERSICUS BORODIN</i> ) IN RELATION TO THE DISRUPTION OF MIGRATORY AND SPAWNING CONDITIONS	

- PROBL ICHTHYOL TRANSL VOP IKHTIOL  
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- 803343 KRASIKOVA, V A - 1968  
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- 803344 RADZINSKAYA, L I - 1968  
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EMBRYONIC DEVELOPMENT OF THE NEVA SALMON (SALMO  
SALAR)  
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- 803345 BELOKOPYTIN, YU S - 1968  
BASAL METABOLIC RATE IN SOME MARINE FISHES  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(2)306-309, 3 FIGS, 1 TABLE
- 803346 MASLENNIKOVA, N V - 1968  
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OF OVARIAN PROTEIN OF THE SEXUALLY MATURE  
BALTIC COD (GADUS MORRHUA CALLARIS (L)) AND THE  
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8(2)309-311, 1 FIG, 1 TABLE
- 803347 PUSHKIN, YU A - 1968  
GROWTH OF (ASPIUS ASPIUS (L)) IN THE KAMA  
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- 803348 ALIYEV, D S; BESSMERTNAYA, R YE - 1968  
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(VAL)) TO CONTROL THE LARVAE OF BLOOD-SUCKING  
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8(2)319-321, 1 TABLE
- 803349 MARSH, GEORGE; PAULSON, NED - 1968  
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EXTINCTION IN AVOIDANCE CONDITIONING  
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- 803350 JACOBS, DAVID W; POPPER, ARTHUR N - 1968  
STIMULUS EFFECTIVENESS IN AVOIDANCE BEHAVIOR IN  
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PH DIFFERENCE ACROSS RED CELL MEMBRANES  
RESP PHYSIOL  
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INDIAN FISHES  
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58(1)9-36, 12 FIGS
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1832 (TREMATODA: MONOGENEA) IN CERTAIN WATERS  
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PARASITOLOGY  
58(1)61-70, 1 FIG, 6 TABLES
- 803354 WILLIAMS, H HARTFORD - 1968  
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TETRAPHYLLIDAE) FROM RAJA NAEVUS IN THE NORTH  
SEA AND ENGLISH CHANNEL  
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58(1)105-110, 5 FIGS
- 803355 KEARN, G C - 1968  
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DIPLECTANID, TETRAONCHID AND DACTYLOGYRID GILL  
PARASITES (MONOGENEA)  
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58(1)149-163, 17 FIGS, 1 TABLE
- 803356 HITZEROTH, H; KLOSE, J; OHNO, SUSUMU;  
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THE TISSUE-SPECIFIC GENE LOCI OBSERVED ON  
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BIOCHEM GENET  
1(3)287-300, 8 FIGS
- 803357 OPATRYN, EVZEN - 1968  
Z BIOLOGIE KAPROUNA OBECENEHO (AMIA CALVA)  
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- 803358 VAN DEN NIEUWENHUIZEN, AREND - 1968  
PLEZIER MET CICHLIDEN (5), PELMATOCHROMIS  
THOMASI IN WOORD EN BEELD (1)  
AQUARIUM (DEN HAAG)  
39(5)98-102, 12 FIGS
- 803359 HYND, J S - 1968  
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ALBACARES (BONNATERRE), IN QUEENSLAND WATERS  
C S I R O (COMMONW SCI IND RES ORGAN) DIV FISH  
OCEANOGR TECH PAP  
(26)40P, 33 FIGS
- 803360 ALFRED, ERIC R - 1968  
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21(3)181-182, 2 FIGS
- 803361 CHUA, T E - 1968  
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GLASSFISH, AMBASSIS KOPSII BLK AND AMBASSIS  
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- 803364 TAN, C K - 1968  
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- 803365 ALFRED, ERIC R - 1968  
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EXPLOITE PAR LES PALANGRIERS JAPONAIS DANS  
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6(3/4)27-30, 1 FIG  
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OFF DURBAN, NATAL AND SOUTHERN MOZAMBIQUE**  
S AFR ASS MAR BIOL RES INVEST REP  
(19)30P, 8 FIGS, 2 TABLES
- 803369** CLARK, EUGENIE - 1968  
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SOUTH RED SEA EXPEDITION (1962), WITH A KEY TO  
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(49)7P
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SI PROBLEMELE OCROTIRII EL  
OCROTIREA NATUR (BUCHAREST)**  
43-52, 6 FIGS  
WITH FRENCH SUMMARY
- 803373** CARLSON, FRANK T - 1968  
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4-41(17 FIGS, 15 TABLES) IN SUITABILITY OF THE  
SUSQUEHANNA RIVER FOR RESTORATION OF SHAD  
U S DEP INTERIOR: WASHINGTON, D C, 60P, ILLUS
- 803374** BRADFORD, ARTHUR D; MILLER, JACK G; BUSS, KEEN  
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52-60(12 TABLES) IN SUITABILITY OF THE  
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U S DEP INTERIOR: WASHINGTON, D C, 60P, ILLUS
- 803375** KOCH, HENRI J A; BERGSTROM, EVA;  
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SALAR L BY MEANS OF ISOELECTRIC FOCUSING**  
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KUNSTEN BELGE  
30(20)16P, 3 FIGS
- 803376** LEDER, IRMGARD - 1968  
**RUSSISCHE FISCHNAMEN**  
VEROEFF ABT SLAVISCHE SPRACHEN LITT FREIEN UNIV  
BERLIN (HARRASSOWITZ, WIESBADEN)  
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- 803377** JOHNSON, D S - 1968  
**MALAYAN BLACKWATERS**  
303-310 IN PROC SYMP RECENT ADVAN TROP ECOL PT  
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INST OCEANOGR RIBARSTVO-SPLIT JUGOSLAV  
BILJESKE  
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- 803379** TESCH, F W - 1968  
**HEIMFINDEVERMOGEN VON AALEN IN DER NORDSEE**  
UMSCH WISS TEC  
68(8)247-248, 1 FIG
- 803380** NAKAMURA, IZUMI; IWAI, TAMOTSU; MATSUBARA, K  
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- 803381** VAN CITTERS, ROBERT L; WATSON, NOLAN W - 1968  
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SALMO GAIRDNERII  
SCIENCE  
159(3810)105-107, 2 FIGS, 1 TABLE
- 803382** BARDACK, DAVID; ZANGERL, RAINER - 1968  
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PENNSYLVANIAN OF ILLINOIS**  
SCIENCE  
162(3859)1265-1267, 4 FIGS, 1 TABLE
- 803383** DELRIO, GIOVANNI; BOTTE, VIRGILIO;  
CHIEFFI, GIOVANNI - 1968  
**IDENTIFICATION OF THE LEYDIG-CELL HOMOLOGUE IN  
THE TESTIS OF CERTAIN TELEOST FISHES THROUGH  
HISTOENZYMATIC REACTIONS**  
4P IN ENZYME HISTOCHEMISTRY  
ISTITUTO LOMBARDO-ACCADEMIA DI SCIENZE E  
LETTERE
- 803384** COLLIN, JEAN-PIERRE; MEINIEL, ANNIE - 1968  
**LES SYNAPSES DE L'ORGANE PINEAL DE L'AMMOCETE**  
C R HEBD SEANCES ACAD SCI PARIS  
266(12)SER D:1293-1295, 2 FIGS
- 803385** SCHEEL, JORGEN J - 1968  
**ZOOECOGRAPHIE UND VERWANDTSCHAFTLICHE  
BEZIEHUNGEN VON RIVULINAE DES ATLANTISCHEN  
AFRIKA**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(1)14-16, 15(2)52, 2 FIGS, 15(3)76-80, 10  
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- 803386** VAN VUGT, A M - 1968  
**RASBORA MACULATA X RASBORA UROPHTHALMA**  
AQUARIUM (DEN HAAG)  
39(4)79-80, 2 FIGS
- 803387** GAASENDAM, G W - 1968  
**RASBORA MACULATA X RASBORA UROPHTHALMA!**  
AQUARIUM (DEN HAAG)  
39(4)81-84, 6 FIGS
- 803388** MIYAKE, MAKOTO PETER - 1968  
**DISTRIBUTION OF SKIPJACK IN THE PACIFIC OCEAN,  
BASED ON RECORDS OF INCIDENTAL CATCHES OF THE  
JAPANESE LONGLINE TUNA FISHERY**  
BULL INTER-AMER TROP TUNA COMM  
12(7)511-608, 9 FIGS, 9 TABLES
- 803389** STENSIO, ERIK - 1968  
**THE CYCLOSTOMES WITH SPECIAL REFERENCE TO THE  
DIPHLETIC ORIGIN OF THE PETROMYZONTODA AND  
MYXINOIDEA**  
13-71(22 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR  
ORVIG (ED)  
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- 803390** VAN TIENHOVEN, ARI - 1968  
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73-80(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR



- ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803393** RITCHIE, ALEXANDER - 1968  
**PHLEBOLEPIS ELEGANS PANDER, AN UPPER SILURIAN THELODONT FROM OESEL, WITH REMARKS ON THE MORPHOLOGY OF THELODONT**  
81-88(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803394** JOLLIE, MALCOLM - 1968  
**SOME IMPLICATIONS OF THE ACCEPTANCE OF A DELAMINATION PRINCIPLE**  
89-107(12 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803395** MILES, ROGER S - 1968  
**JAW ARTICULATION AND SUSPENSION IN ACANTHODES AND THEIR SIGNIFICANCE**  
109-127(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803396** NELSON, GARETH J - 1968  
**GILL-ARCH STRUCTURE IN ACANTHODES**  
129-143(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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- 803397** HEINTZ, ANATOL - 1968  
**THE SPINAL PLATE IN HOMOSTIUS AND DUNKLEOSTEUS**  
145-151(2 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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- 803398** BENDIX-ALMGREEN, SVEND ERIK - 1968  
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153-170 IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803399** PATTERSON, COLIN - 1968  
**MENASPIS AND THE BRADYODONTS**  
171-205(15 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803400** SCHAEFFER, BOBB - 1968  
**THE ORIGIN AND BASIC RADIATION OF THE OSTEICHTHYS**  
207-222(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803401** JARVIK, ERIK - 1968  
**THE SYSTEMATIC POSITION OF THE DIPNOI**  
223-245(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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247-257(9 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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- 803403** BERTMAR, GUNNAR - 1968  
**LUNGFISH PHYLOGENY**  
259-283(9 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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285-306(11 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803405** LEHMAN, JEAN-PIERRE - 1968  
**REMARQUES CONCERNANT LA PHYLOGENIE DES AMPHIBIENS**  
307-315(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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341-357(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
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**THE ORIGIN OF VERTEBRATE CALCIFIED TISSUES**  
359-371 IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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373-379(5 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
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413-428(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
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**THE GULAR PLATES AND BRANCHIOSTEGEL RAYS IN AMIA, ELOPS AND POLYPTERUS**  
429-438(3 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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**THE DENTITION IN THE MOUTH CAVITY OF ELOPS** • 439-443(3 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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**EVOLUTION OF CELL SIZE IN LOWER VERTEBRATES**  
445-453 IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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- 803414** OLSSON, RAGNAR - 1968  
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455-472(9 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
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**APPLICATION OF PHYLOGENETIC PRINCIPLES IN**

**SYSTEMATICS AND EVOLUTIONARY THEORY**  
473-495(7 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
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497-527(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
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**HUMAN PATHOGENS**  
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159(3814)547-548, 1 FIG, 1 TABLE

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**FOR CATCHING HILSA IN THE GANGA AND YAMUNA NEAR**  
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**VERGLEICHENDE UNTERSUCHUNGEN ZUR ELTERNBINDUNG**  
**VON TILAPIA-JUNGFISCHEN (CICHLIDAE, PISCES)**  
Z TIERPSYCHOL  
25(7)761-828, 22 FIGS, 3 TABLES  
WITH ENGLISH SUMMARY

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**SULLA EVENTUALE PRESENZA IN ACQUE MEDITERRANEE**  
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**CHAETODON L (PISCES OSTEICHTHYES)**  
NATURA (MILANO)  
59(3/4)210-212, 2 FIGS

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**REPRODUCTIVE BEHAVIOR IN THE PARADISE FISH,**  
**MACROPODUS OPERCULARIS (LINNAEUS)**  
Z TIERPSYCHOL  
25(7)834-842, 1 FIG, 1 TABLE

803432 JOHANSEN, KJELL - 1968  
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**SOME PHYLLOBOTHRIDAE (CESTODA:**  
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**PHYLLOBOTHRUM BENEDEN, 1849 AND COMMENTS ON**  
**SOME ALLIED GENERA**  
PHIL TRANS ROY SOC LONDON SER B BIOL SCI  
253(786)231-307, 108 FIGS

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**ANATOMY OF VISUAL CENTERS IN TELEOSTS**  
3-16(4 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
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65(1)235-236, 1 FIG

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17-24(3 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
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**AS A FISH POISON IN PONDS**  
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**GOLDFISH**  
25-33(2 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
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35-50(5 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
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107-125(2 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND FISH BEHAVIOR, DAVID INGLE (ED)  
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139-144(3 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND FISH BEHAVIOR, DAVID INGLE (ED)  
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181-192(3 FIGS, 1 TABLE) IN THE CENTRAL NERVOUS SYSTEM AND FISH BEHAVIOR, DAVID INGLE (ED)  
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1-46 (5 FIGS) IN PERSPECTIVES IN ENDOCRINOLOGY. HORMONES IN THE LIVES OF LOWER VERTEBRATES, E J W BARRINGTON AND C BARKER JORGENSEN (EDS)  
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405-467(20 FIGS) IN PERSPECTIVES IN



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803463	ZEILLER, WARREN - 1968 <b>HIPPOCAMPUS HIPPOCAMPUS ERECTUS ERECTUS</b> DRUM CROAKER (WASH) 68(2)23, 2 FIGS		
803464	ZEILLER, WARREN - 1968 <b>BABY NURSE SHARKS</b> DRUM CROAKER (WASH) 68(2)28-31, 1 FIG		
803465	DEMPSTER, ROBERT P - 1968 <b>THE USE OF QUINALDINE AS A TRANQUILIZING DRUG FOR AQUARIUM FISHES</b> DRUM CROAKER (WASH) 68(1)1-2		
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803468	PETERSON, EDWARD J; ROBINSON, RAYBURN C; WILLOUGHBY, HARVEY - 1968 <b>A MEAL-GELATIN DIET FOR AQUARIUM FISHES</b> DRUM CROAKER 68(1)21-23		
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803470	COHEN, SYLVAN - 1968 <b>THROMBOSIS OF THE AORTA IN A SMALL AQUARIUM FISH</b> DRUM CROAKER (WASH) 68(3)9-12, 4 FIGS		
803471	SOCOLOF, ROSS - 1968 <b>EXPERIENCES KEEPING AND BREEDING OSPHRONEMUS GORAMY</b> DRUM CROAKER (WASH) 68(3)13-14		
803472	HEGEDUS, ARTHUR M - 1968 <b>REPRODUCTION AND EARLY DEVELOPMENT IN MONODACTYLUS SEBAE</b> DRUM CROAKER (WASH) 68(3)19-23, 2 FIGS		
803473	AWAKURA, TERUHIKO - 1968 <b>THE ECOLOGY OF PARASITIC GLOCHIDIA OF THE FRESH-WATER PEARL MUSSEL, MARGARITIFERA LAEVIS (HAAS)</b> SCI REP HOKKAIDO FISH HATCHERY (23)1-22, 17 FIGS, 5 TABLES IN JAPANESE WITH ENGLISH SUMMARY		
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803475	STROGANOV, N S; KOLOSOVA, L V - 1968 <b>THE INFLUENCE OF SMALL CONCENTRATIONS OF HEXACHLOROBUTADIENE (C4CL6) ON AQUEOUS ORGANISMS</b> 126-138(6 FIGS, 4 TABLES) IN SOME PROBLEMS OF HYDROBIOLOGY, B G BOGOROV AND N S STROGANOV (EDS), VOL 30 OF TR MOSK OBSHCHEST ISPYT PRIR IN RUSSIAN WITH ENGLISH SUMMARY		
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803477	STROGANOV, N S; LASHMANOVA, I A - 1968 <b>SKIN PENETRATION IN FRESH WATER FISHES</b> 159-169(5 FIGS, 3 TABLES) IN SOME PROBLEMS OF HYDROBIOLOGY, B G BOGOROV AND N S STROGANOV (EDS), VOL 30 OF TR MOSK OBSHCHEST ISPYT PRIR IN RUSSIAN WITH ENGLISH SUMMARY		
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